

On galvanism, and its extraordinary efficacy in the cure of stomach, liver, nervous, and other disorders of long continuance, after the failure of mercurial and other remedies : illustrated by new, interesting, and important facts and cases / by M. La Beaume.

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GALVANISM.

EXTRAORDINARY EFFICACY

IN THE CURE OF

STOMACH, LIVER, NERVOUS,

ON GALVANISM

AND

CHRONIC DISEASES.



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AND ITS
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IN THE CURE OF
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AND OTHER DISORDERS OF LONG CONTINUANCE, AFTER THE
FAILURE OF MERCURIAL AND OTHER REMEDIES,
ILLUSTRATED BY NEW, INTERESTING, AND IMPORTANT
FACTS AND CASES.

BY M. LA BEAUME,

MEDICAL GALVANIST AND ELECTRICIAN TO THE QUEEN, FELLOW OF THE
LINNEAN SOCIETY OF LONDON, MEMBER OF THE MEDICO-PHILANTHROPIC
SOCIETY OF PARIS, ETC.

LONDON:

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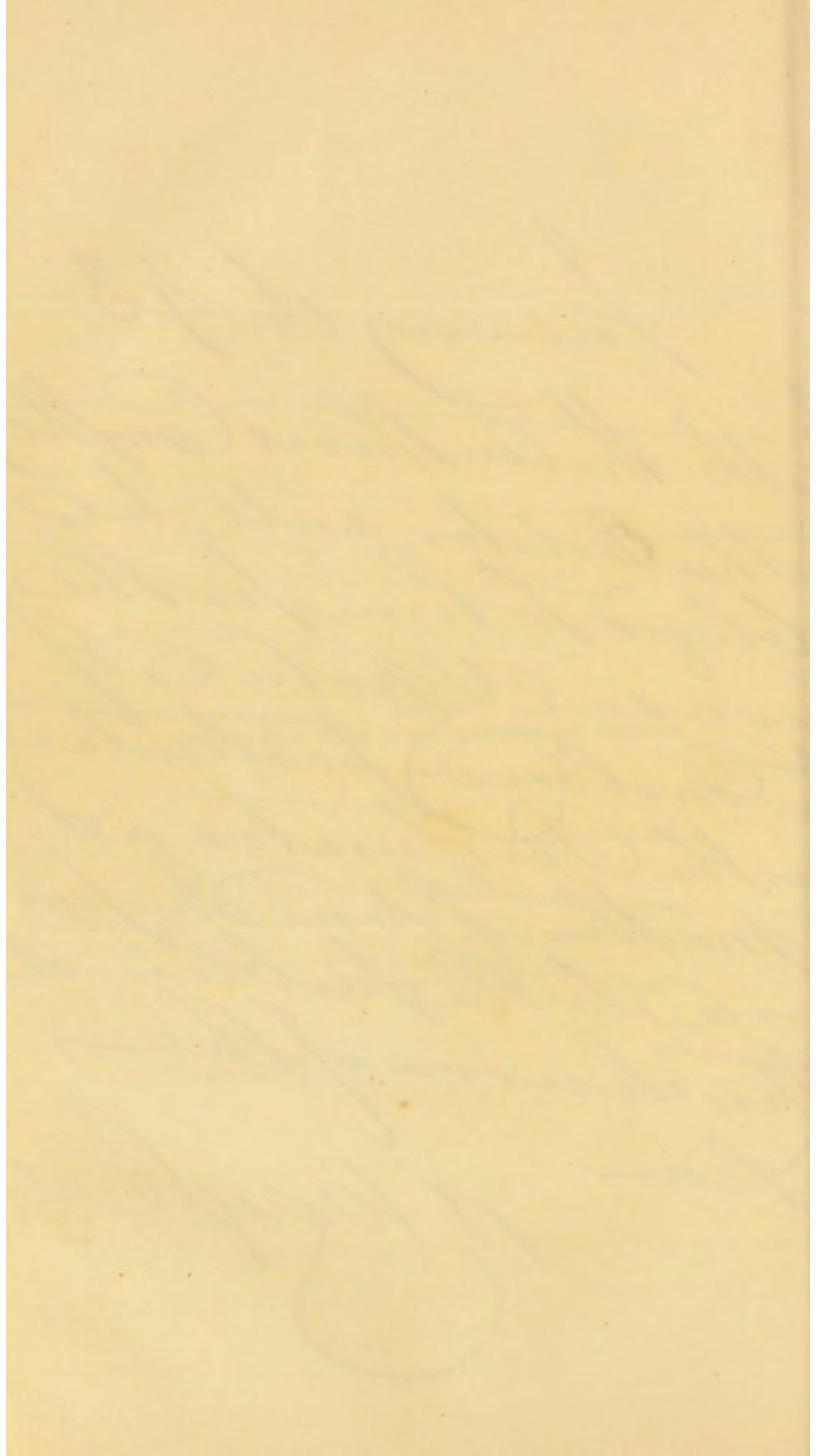
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January 16 43

With the Authors Compliments
to the Editor, will be
obliged to him for the
insertion & notice of
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in the Persuader as
a matter of some impor-
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this season of the
year

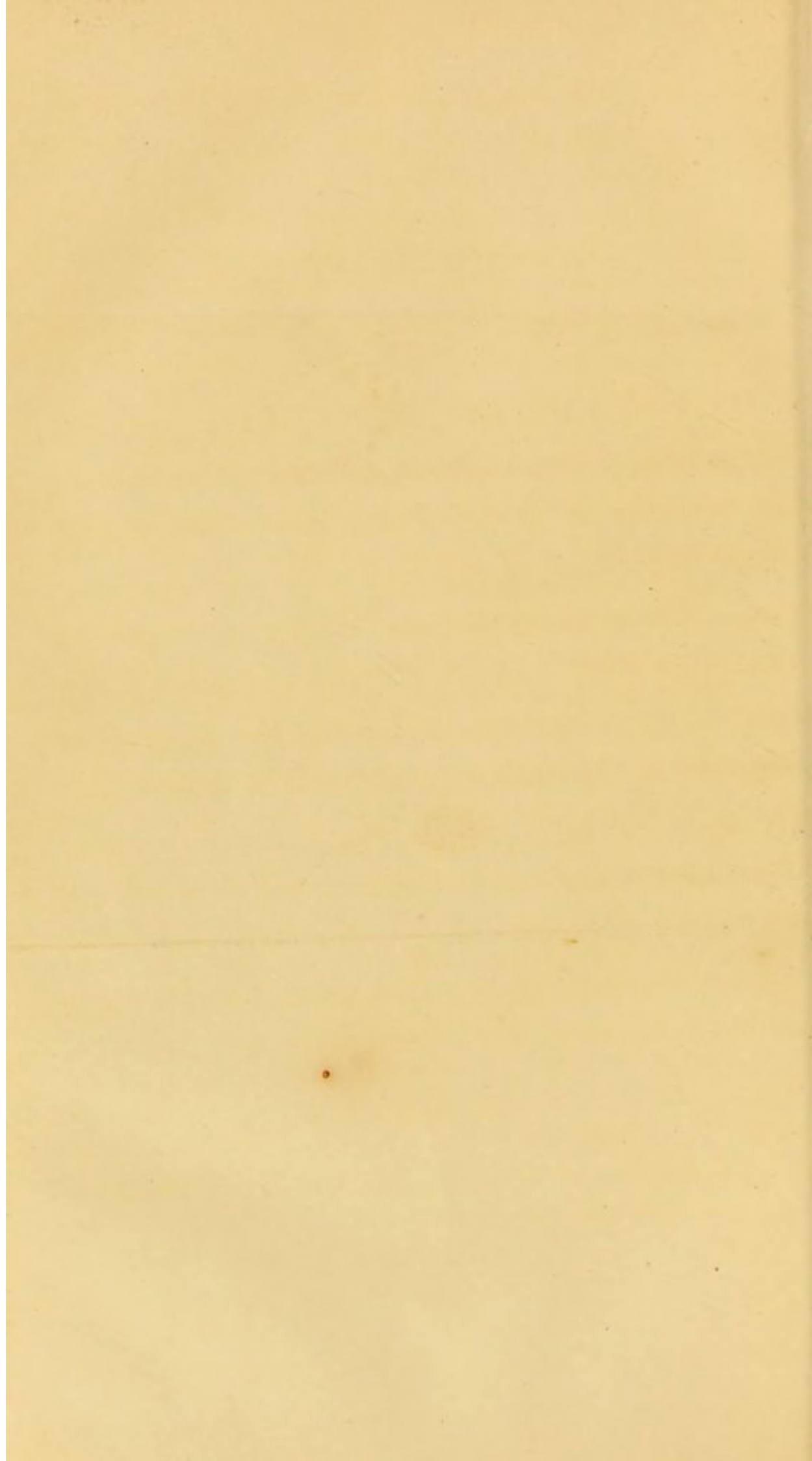
Yrs Obedt



TO THE READER

The Editor of the *Register* has been so kind as to send me a copy of the issue of the 1st of January, 1854, containing the following notice of my *Practical Treatise on the Theory of the Human Mind*. I beg you to permit me to express my thanks for the notice, and to say that you may form a correct opinion of my estimate of the work. Should the notice be published, I should be glad to see it, and to receive any remarks on it. I am, Sir, very respectfully,
Your obedient servant,
W. L. G.

W. L. G.



TO THE READER.

ON issuing this new Edition of my work on Galvanism, I am induced to annex the following remarks of the Medical, Philosophical and other Reviewers of my Publications and Practice. These observations, I beg you to peruse that you may form a correct opinion of my remedies and treatment. Should the *astonishing* Efficacy of Galvanism in Chronic Diseases, and the facts hereafter stated, require confirmation, *I confidently assert that I can prove them* by the testimony of most respectable Patients, who have been cured by my treatment, “FOR TRUTH IS OMNIPOTENT, AND IT MUST PREVAIL.”

Yours respectfully,

M. LA BEAUME.

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Yours respectfully,

M. LA BRASSE.

CRITICAL NOTICES

Of Mr. La Beaume's Works and Practice.

“Mr. La Beaume is well acquainted with what is known of Electricity and Galvanism, and is well informed respecting the physiology of the human body ; and he evinces much discrimination and judgment in his mode of employing them. The general indications for their use must be evident. We must state that the cases here related shew them to be efficacious in many affections to which they have not been generally considered applicable with so much benefit : this is especially the case in regard to torpor of the liver and dyspepsia from debility, more particularly in persons whose nervous system has been rendered comparatively inert by long-continued sufferings, or too great mental exertions. We feel much pleasure in being able to add our testimony to that of many of the most eminent medical practitioners in favour of the excellence of his qualifications for his profession. It should be a cause of much peculiar gratification to medical practitioners to know that they may resort to his aid with confidence, and that they consign their patients to the care of a gentleman of liberal education, whose conduct has done honour to his profession.”—*London Medical and Physical Journal*, June, 1820.

“Mr. La Beaume has dedicated many years to acquiring a knowledge of Electricity and Galvanism. He is well instructed in the science upon which he writes. He strikes disease at its source, by one of the most powerful medical agents that has

ever been employed in the curative treatment of human maladies."—*London Medical Journal*, Nov. 1826.

"Mr. L. B. has detailed, as concisely as possible, the results of his extensive experience of the galvanic fluid constitutionally applied to various diseases. The numerous cases in which he has found this powerful remedy efficacious, and the zeal and intelligence with which he has assiduously followed this branch of the profession, prove him to be the most skilful and scientific Galvanist in this country. Few have studied this science so deeply, practised it so extensively, or proved himself so well qualified to administer it, as Mr. La Beaume."—*Gazette of Health*, Nov. 1826.

"It is, we think, sufficiently made out that maladies are occasionally influenced by measures of an extraordinary nature, and both as it respects the Vapour Bath, and the various degrees and modifications of Electricity, testimony is too forcible in favour of their frequent utility, to admit of rational doubt."—*London Medical Repository*, April, 1820.

"Mr. L. B. ranks deservedly high; he has made many observations upon the influence of Galvanism and Electricity on the human body, which are exceedingly interesting and important."—*Medical Intelligencer*, February, 1820.

"Mr. La B. has deeply studied the remedies which he professes to apply, and who is *very competent* to decide in what cases they may be used with advantage. We can heartily join the Reviewers, in saying, 'that medical practitioners may resort to his aid with confidence, and consign their patients to his care.'—*Medical Intelligencer*, June, 1820.

"Mr. La B. is, we have reason to believe, an acute and scientific man, who has collected together many very valuable practical facts on the subjects of his volumes, and we have

heard much of the accuracy with which he distinguishes those states of the constitution to which his remedies apply.”—*Medical Intelligencer*, April, 1821.

“The practice adopted by Mr. L. B. is highly respectable, and the thanks of the profession and of the public are equally due to him, for taking up a remedy (Galvanism) which has been much neglected.”—*Monthly Gazette of Health*, Nov. 1818.

“Mr. L. B. like a skilful physician whose anxious wish is to cure his patients, he takes into consideration the state of the general health, and the peculiarities of the constitution of his patients; and it is in such hands only that his powerful remedies can be employed with safety and effect.”—*Monthly Gazette of Health*, December, 1819.

“The author’s work contains so many interesting and singular facts, and practical remarks, which throw much light on the science of medical Electricity and Galvanism, that we recommend its perusal to men of science as well as to invalids.

“Mr. L. B. has for a considerable time past, employed the Galvanic fluid as a substitute for mercurial remedies, in stomach and liver complaints, with great success.”—*Monthly Gazette of Health*, April, 1820.

“Mr. La B. has published a collection of cases of indigestion, torpidity of the liver, habitual costiveness, and gutta serena, in which he applied the galvanic fluid with complete success. In some of our late and early numbers we have published several cases of indigestion, deficient secretion of bile, and obstinate costiveness, which were cured by Galvanism under the care of Mr. La Beaume. The new cases prove that in habitual costiveness or inactivity of the bowels, Galvanism is a most valuable remedy, and that its effects are permanent.”—*Monthly Gazette of Health*, December, 1822.

"We esteem it a most fortunate event that Mr. La B. whose abilities and assiduity eminently qualify him for the undertaking, should have directed his attention to this important branch of the healing art."—*Gazette of Health*, June, 1820.

"Mr. La Beaume, medical galvanist, has lately published a selection of cases of indigestion from disorders of the stomach, liver, and bowels, and other complaints, as asthma, gout, blindness, &c. &c. which were cured by Galvanism, under his superintendence. Many of the patients, whose cases Mr. La B. has noticed, were recommended by physicians and surgeons of the first eminence.

"Galvanism and Electricity are unquestionably not only most valuable auxiliaries to medicine in a great variety of diseases, but in many deep-seated cases through which the fluid may be passed, it is the *principal* or *leading* remedy."—*Gazette of Health*, Feb. 1828.

"Dr. Favré Palaprat, an eminent physician at Paris, Member of the Ancient Academy of Physic, Director-General of the Medico-Philanthropic Society, and of the Royal Society of Science, &c. &c. has lately published a translation of M. La Beaume's works on the efficacy of Galvanism and Electricity in cases of indigestion, inactivity of the liver and intestinal canal, and on various chronic affections. To the translation the doctor has added many cases in which Galvanism, &c., proved beneficial under his own superintendence. From the high estimation in which the doctor is held as a physician, and as a man of general scientific attainments, by his brethren, not only in Paris, but throughout the whole continent, M. La Beaume's works will obtain a very extensive circulation in Europe. We find they have also been reprinted in America."—*Gazette of Health*, March 1828.

"The character of M. La Beaume, as a practitioner of long

experience, and of excellent tact and skill in the application of his remedies to constitutional peculiarities, stands too high in the profession and before the public, by his previous publications, any longer to leave room for hesitation respecting the efficacy of the galvanic power in diseases to which it was not previously known to be applicable.

“The deservedly high character which Mr. La B.’s scientific and medical productions, connected with this branch of the profession, have already obtained for him in some of the first journals of the day, will spare us going into farther details.”—*New Monthly Magazine*, Nov. 1826.

“This is a second edition of a work which should be perused by medical practitioners, illustrated with many new and striking cases.”—*Philosophical Magazine and Journal*, Vol. 55.

“This is a *neat manual* on a very interesting subject. Electricity is the powerful agent employed by the God of nature to effect its greatest wonders. The *elicited vital spark*, judiciously applied, revives and invigorates the declining frame, arresting the progress of disease, and augmenting the mass of human felicity.”—*European Magazine*, Jan. 1820.

“The author’s experience of twenty-three years of Electricity and Galvanism are extremely elucidatory of their beneficial effects upon the human frame.”—*Literary Chronicle*, October 28th, 1826.

“To the medical practitioner Mr. La Beaume’s treatise is highly important, and to our readers we strongly recommend an earnest perusal of it.”—*Mirror*, Nov. 1826.

“Mr. La Beaume is a respectable practitioner of some year’s standing, and is sanctioned by some of the leading characters among the faculty in the metropolis.”—*Register of Arts and Sciences*.

“As Galvanism partakes of the character of physics as well as of medicine, we think it due both to the public and Mr. La B. to propagate it to the utmost of our power.”—*Atlas*, Oct. 22, 1826.

One or two of the Morning Papers, and the *Globe and Traveller*, have reviewed the book most favorably—these papers are mislaid.

“Mr. La Beaume’s work proves from undisputed facts, that, when constitutionally and skilfully applied, the galvanic fluid is the most efficacious remedy in those numerous maladies known under the generic term of chronic diseases, and that the application of the galvanic fluid is far preferable to that of mercury, particularly in disorders of a chronic nature, and in morbid affections of the digestive organs.”—*Courier*, Dec. 25, 1826.

“Mr. La Beaume has shown practically, that Galvanism has, in numberless cases mentioned in the course of his book, cured the most inveterate disorders.”—*Sun*, Nov. 9, 1826.

“Mr. La B.’s recent work on Galvanism, is the more worthy of general perusal. It will tend to convey a knowledge of that important and interesting agent to many who may obtain relief from its curative properties. It is the production of a scientific and respectable individual, to whom the medical profession, as well as the public, are greatly indebted for his researches, and the results of his experience, on a subject but little known, and less understood.”—*Star*, Feb. 17, 1827.

“The successful labours of Pfaff, Humboldt, Vassali, Aldini, and many others, have induced M. La B. to try this powerful agent in disorders to which no one had previously applied it; and his success as well as his experience have been very extensive.”—*Sydney Gazette and New South Wales Advertiser*, March 25, 1827.

ON GALVANISM.

As many of my readers may be unacquainted with my work on "Galvanism, and its Chymical and Medical Powers" (now out of print), I shall give a brief and concise view of the subject for their information.

The Galvanic fluid or influence, is that species or modification of Electricity which is developed by chymical, metallic, or animal agency. This was first accidentally observed by the wife of Galvani, professor at Bologna, in 1791, on some dead frogs, which were convulsed by a metallic agency. This led Galvani, and others, to discover that metallic Electricity had a peculiar power in exciting the NERVES, as instanced in two dissimilar metals, affecting the gustatory and other nerves.

Volta improved the simple circle of two metals, into a pile of many plates, and other apparatus, to augment the power of that agency; which have subsequently been increased to the combined force of the trough, or galvanic battery,—this apparatus excited by diluted acid or alkalies to develope that influence for philosophical or medical use.

By Galvanism, Nicholson, Carlisle, and others, *decomposed water*; Tourcray, Vanquelin, Tromsdorf, and others, *deflagrated* silver, tin, and other metals. Biot and Cuvier maintained the *air was deoxidated* by enclosing the pile in a small space. Cruickshanks *decomposed neutral salts*; Dr. Henry *decomposed sulphuric and nitric acid, ammonia, &c.*; and Sir H. Davy achieved his great chymical exploits, in *obtaining oxygen and hydrogen* from pure water; *decomposed various earths*, and *saline* compounds; deducing this fact, that *Galvanism had the power of counter-acting, and even of changing the effects of chymical affinities*. Sir H. Davy also found the base of decomposed soda and potass to be *metallic*; that *alkalies* are the *oxydes of metals*; and he effected by the same agency, the *recomposition* of those metals and earths, and restored them to their former state.

Subsequently Mr. Children, of the British Museum, by an increased galvanic power, did all that was done before, and much more; for he *ignited platina wire*, six feet long, and of great thickness; and *melted* that metal, as well as osmium and iridium: and by the experiments made with the large battery at the Royal Institution, platina, quartz, sapphire, plumbago, and charcoal, were *fused*, and *diamond itself completely evaporated*. Recently, the experiments of Mr. Cross have led to the opinion, that gems

of the purest water will hereafter be produced by the galvanic power; so that precious stones may be so *manufactured* as to challenge the skill of the acutest lapidary to distinguish between the works of *nature* and those of *art*.

If such be the chymical properties of the Galvanic fluid on *dead* matter, under the laws of attraction and cohesion, which maintain their modifications and qualities, what must be its force over *living bodies*?

THE MEDICAL PROPERTIES of *Galvanism*, are *stimulant*, *derivative*, *resolutive*, and *deobstruent*. It is the *natural excitant* of the vital forces, the nervous, muscular, arterial, and vascular systems. It *quickens the circulation*, equalizes animal heat, and *exhilarates* the spirits. It promotes *digestion*, and all the *healthy secretions* of the body, *allays* morbid irritation of the nerves, and *invigorates* corporeal energy, and thus improves the *sensorial* and *intellectual* powers.

That such are the remedial powers of Galvanism is *incontrovertible*, hence it is an *effectual* cure for a *variety* of diseases which medicines *cannot* reach. That Galvanism generally effects a *permanent* recovery is also a fact of as much importance to the invalid as that it is most efficacious in chronic disorders. It is also a perfectly *safe* remedy in the hands of a skilful operator, which should inspire *timid* invalids with confidence, and encourage them to resort

to its use ; for the application of Galvanism is unattended by *any painful sensations*, nor can it produce any *injurious* effects on the constitution. Galvanism also affords *superior advantages* to mercurial remedies ; it has in numerous instances proved a most *beneficial substitute* for them, and has effected a vast many cures after various preparations of mercury had *failed*.

Galvanism may be used at all times and seasons of the year, and to all ages, and in *most* cases of chronic disease with the greatest benefit.

Notwithstanding the extraordinary efficacy of Galvanism, it is lamentable that it is not more extensively known, for this reason this small pamphlet is published at a low price for general information on this important subject.

The following authentic cases are briefly stated as facts, to prove the medical efficacy of Galvanism which I have employed in my practice (supported by the most eminent of the faculty) for more than twenty-five years. Although I have been requested by many respectable patients to publish their cases, with their addresses, I have declined to do so, because it is unnecessary, as I can at any time prove the truth of my statements by a *reference* to the parties.

Those of the afflicted who may be disposed to avail themselves of the benefits of my treatment, should in the *first instance* consult me

personally, or by letter, on its *applicability* and *efficacy* in their *individual* cases, for it may be reasonably supposed, from long experience, that I am *more* competent to give a correct opinion on the subject than any medical man who is not *practically* acquainted with my *remedial* means; and because I have experienced a secret opposition to my practice, from those who were unacquainted with the *extraordinary* efficacy of galvanic agency, and the various cases, modes, and forms in which I have employed it.

In justice to *myself* I am compelled to say that I have also heard of several instances of practitioners who, *affecting* to sneer at the remedial powers of Galvanism or on some plausible pretexts, have *insiduously* opposed *even* its trial. Others had assumed to treat it as an ideal remedy of no virtue. This erroneous notion could only have arisen from *ignorance of Chymistry*, and the *numerous facts* which have established the reputation of this *invaluable* agent in the cure of the most inveterate diseases, in which the ordinary treatment had failed.

As a proof that Galvanism possesses extraordinary powers—I refer my readers to the report of Dr. Favel, of the Sheffield Infirmary—in which he states that he had relieved and cured several cases of Cholera Morbus, even in its last stage, after mercury and other remedies had failed. Even in cases of suspended animation,

Galvanism has been found a re-animating and wonderful power. It is also evident, that Galvanism is often recommended by medical men, as a *dernier resort* after the trial of all the remedies employed in their practice, without success.

Had *not* my practice been *scientific, legitimate, and successful*, should I have been favoured with the appointment of Medical Galvanist and Electrician in Ordinary to the late King, by the recommendation of the physician at the head of his medical establishment, to whom I was only known by reputation, and by the special concurrence, approval, and command of his Majesty (being altogether a *new* appointment); or with the re-appointment to that honourable distinction by our present most Gracious Sovereign? Certainly not.

Although, in other instances, the most strenuous opposition has been made to patients availing themselves of my aid, yet some of those very patients have come to me for a Galvanic course, and have happily obtained perfect and permanent recovery. These are facts I feel myself bound to state, and I can fully prove them by credible witnesses.

Notwithstanding the illiberality and injustice I have experienced from some, I have to acknowledge with gratitude my obligations to others of the most scientific, eminent, and honorable members of the faculty, both physicians,

surgeons, and apothecaries, who have not only sent me numbers of their patients; have themselves resorted to my aid; and borne a handsome testimony to the success of my treatment; but will confirm the important facts which are recorded in the cures effected by my humble instrumentality.

To the eighty-eight cases, briefly *stated* in the last edition of this pamphlet, I have added a few more of recent occurrence, which are particularly deserving of attention, and which will defy incredulity, and prove the superior efficacy of Galvanism, properly administered, to *mercurial* and *other medicines*. I therefore hope the following pages will be read with interest, and convince candid minds, and men of common sense, of the reasonableness and utility of a philosophical treatment, which has been unjustly and formidably opposed by the *prejudices* of the *ignorant* and the *selfishness* of the *interested*;—I may also add the *apprehensions* of the *timid*, who from the *silly* and *cruel* experiments made at public institutions, of giving galvanic and electric shocks, suppose my administration of these agents is attended with violent and painful feelings. That this is not the case I most *positively* assure my readers, and that I have very frequently applied these formidable means to children, and even to infants without any but pleasurable sensations. Of this fact the *most fearful* and

incredulous may be fully convinced by a single trial of the galvanic influence as I administer it.

Further, I beg it to be distinctly understood, that I *do* not, and *never did hold out* Galvanism as a *panacea for every disease*, an *infallible remedy for all maladies*!! Yet I do maintain, that in those cases to which *it is* applicable, it is more or less effectual according to the nature and duration of complaints and the time allowed to accomplish a perfect cure. I have been *particularly* careful *not* to make an indiscriminate use of this Herculean remedy, nor to receive all the patients who have applied to me, but *those only* whom, according to the best of my judgment and experience, I could benefit. This sacred rule of conduct, founded on justice, humanity and policy, which I laid down to myself at the commencement of my practice I have strictly adhered to.

As an erroneous notion has gone abroad as to the expense of my treatment, I beg to remove that impression, on the authority of numerous patients, that it bore no comparison with that which they had previously incurred in medical fees, medicines, &c. I know several instances of persons who had spent hundreds of pounds while under the care of different practitioners during years of suffering in search of health, which they had at last regained to their joy, by a Galvanic course, at the trivial cost of a few pounds

If Galvanism has, in the hands of mere mechanical operators, been productive of *no* beneficial results, it should not be imputed to the inefficacy of the agent, but to its improper administration or the want of discernment, skill, or experience in the selection of proper cases. I therefore have to request those invalids residing in the country, or who cannot consult me personally, to do so by letter, and to state their cases fully that I may form a correct judgment, and give them my candid opinion whether my treatment will benefit them or not. Those in town will find me at home from 9 to 10 and from 12 to 5 o'clock, or at any other time by *appointment*.

M. LA BEAUME,
11, *Argyle Street, Regent Street.*

It is a mistake to suppose that in the hands of more intelligent persons, been productive of no beneficial results; it should not be imparted to the majority of the agent, but to its proper administration, or the want of discrimination, skill, or experience in the selection of proper cases. I therefore have to request those individuals residing in this country, or who cannot leave it, to pay a visit to the agent, to see for themselves, and to state their views fully, that I may form a correct judgment, and give them my candid opinion whether my proposal will benefit them or not. Those in town will find me at home from 9 to 10, and from 12 to 2 o'clock, or at any other time by appointment. I am, Sir, very respectfully,
 Yours, &c.

M. A. REAUME.

11, Abbe Street, Rangoon Street.

C A S E S.

The following are of more recent occurrence, and are particularly interesting.

I.—A gentleman about fifty-five years of age, who had, for more than twenty years suffered from bad digestion, spasms, costiveness, headache, confusion of mind, depression of spirits, and extreme languor, which almost incapacitated him from study and the duties of his profession, applied to me about five years since for advice and aid. The complexion of this patient was very sallow, his tongue foul, pulse feeble, spirits dejected, appetite impaired, and sleep restless. He had been for years under medical advice, and had taken mercury (in various forms), purgatives, stomachics, and tonics without obtaining recovery. In this case of protracted disease, I employed the Galvanic influence in different modes for some weeks, which not only restored the *tone* of his *stomach*, but removed the *torpidity* of the *liver* and *bowels*,—cured the distressing affection of the head and spirits, and so completely renovated his health and strength, that he can now endure great mental and corporeal exertions without inconvenience, and retains the benefits he had derived from my treatment.

II.—A young lady about twenty-five years of age, who had suffered for some years from indigestion, inactivity of the bowels, pains in the right side, head ache, lowness of spirits, extreme debility, affecting her moving powers,

and other symptoms of derangement of her nervous system, was perfectly restored to health by Galvanism in a few weeks, after the failure of *mercurial* and other remedies, which had been administered to her by judicious practitioners for some years.

III.—Another young lady who had been a great sufferer from similar symptoms of disease ; and a *constant pain* at the *pit* of the stomach or the *side* after dinner, was also cured by Galvanism, and has been free from the complaint for some time.

IV.—A lady far advanced in life, who had been ill for more than ten years, applied to me about three years ago for relief. Her complaint was like the preceding case, but much more aggravated in her sufferings from its effects on her nervous system, her spirits and strength. After a course of Galvanism, which was frequently interrupted by violent colds and cough—she was perfectly cured. More than a year after she called on me to thank me for her permanent recovery ; six weeks since I learnt that she remains quite well. In this case the usual remedies had been long tried without any advantage. Nothing but Galvanism has restored these patients.

V.—A middle aged gentleman who had had a severe attack of acute inflammation of the liver which terminated in an abscess that burst internally ; the matter of which was voided by the mouth, and had subsequently suffered from a chronic inflammation and enlargement of that organ, and the adhesion of the liver to the side (as was supposed by his medical attendants), applied to me about four years since. On his first visit he stated these facts, and that of his subsequent endurance of great

derangement of his digestive organs, extreme depression of spirits and strength, unfitting him for his professional duties. He also complained of a constant pain in his right side, and his inability to stoop to put on his boots or shoes, walking, or riding in a carriage, without increasing the pain. As the medical gentlemen who had attended this patient had pronounced his case incurable, I was afraid to give him any hope till I made a trial of Galvanism three times, after which I was fully satisfied it would remove his complaint. After a longer course of Galvanism than *usual*, the patient was restored to a *robust* and *vigorous* state of health, uses hard *horse exercise*, and continues to *this* day to enjoy that invaluable blessing.

VI.—A lady about twenty years of age, was recommended to me by an eminent physician and surgeon, under whose care and treatment she had been more than four years, for a complicated case of disease which had not yielded to the various remedies they had employed. The patient was very pale and emaciated, the pulse very irregular, quick, and generally more than 120. Her tongue indicated gastric irritation, her breathing was exceedingly short and oppressed, and her hands tremulous from nervousness, she complained of severe pains in her head and chest, and weakness of the limbs that she was not able to walk, but obliged to be brought to me in a carriage, though from a very short distance. Her digestion was so weak that she could not take any animal food, and her bowels so inactive that she required aperients daily. In this difficult and extreme case, Galvanism was administered for a few weeks, which effected a perfect cure contrary to the expectation of her medical attendants and friends, and I am happy to add, after a lapse of three years,

the benefit she obtained, has been permanent, in the removal of the disease for which she was sent to me.

About the beginning of this year the young lady applied to me for a morbid affection of the nerves of the right side of the face, which was pronounced to be *tic-douloureux*, which she had suffered from for some weeks, nothing relieved it; I administered Galvanism for a fortnight, which removed the complaint, and I have since heard that she has continued well.

VII.—A gentleman about thirty, who had for some years been a great sufferer from repeated *bilious* attacks accompanied by fever, which confined him to his house and sometimes to his bed, came under my care in the autumn of last year. He complained of indigestion, torpid liver, and obstinate constipation, which the ordinary treatment of mercurials, purgatives, &c. did not remove. His nervous system was morbidly susceptible, he frequently fainted on the most trivial occasions, and his spirits and strength were much diminished; in a short time these symptoms gave way to the Galvanic course though it was frequently interrupted, and he has acquired a vigorous state of health which he now enjoys.

VIII.—A middle aged lady who had for more than fourteen years been under medical care for a derangement of the stomach, liver and bowels, accompanied by great disturbance of the nervous system, inducing hysterical affections, and a train of most distressing sufferings, which were aggravated by family afflictions and bereavements, was recommended to consult me by a friend who had been cured of an inveterate liver complaint some time before. When this patient came to me she was enduring much uneasiness and pain from a chronic inflammation, and

enlargement of the liver, felt much pain on pressure, and unable to lay on either side ; her appetite was lost—she was constantly taking opening medicines—her spirits were overwhelmed by the most trivial matters—she was obliged to seclude herself *even* from domestic society, and confine herself to the house, and only take carriage exercise, as she was unable to walk. In addition to these miseries, she complained of a violent pain in her right arm, and an inability to use her hand or fingers, and other aches and ailments. Such was her state when I commenced my treatment, which restored her to *perfect health*, spirits and strength in less than five weeks. A twelvemonth has elapsed to prove her permanent recovery.

IX.—About six years since I was requested to visit a nobleman by the request of a physician of the first eminence in town ; this patient had a complication of diseases of so obscure a character, attended with most extraordinary fits, that I *declined to employ Galvanism*, but suggested to his domestic physician to use other means, and to remove him from town. Some months after I was requested by his domestic physician to make a trial of Galvanism, which I did, with little hopes of benefiting him. The invalid was then suffering from great derangement of the digestive organs, and disturbance of the nervous system, indigestion, defective secretion of bile, sluggish action of the bowels, most restless and sleepless nights, and almost daily recurrence of fainting and hysterical fits, prostration of strength and agitation of spirits. He attended me daily for nearly a month, accompanied by his medical friend, who witnessed the remedial powers of Galvanism, and his *subsequent recovery*, after years of sufferings, and the failure of all the remedies he had tried.

X.—One of the most extraordinary instances of the efficacy of Galvanism I ever witnessed was in the case of a young lady ten years ago, who had for years suffered from an injury received in her head, which effected her brain, her hearing, and then her sight. She was salivated for the disease, and the mercurial course so effected her nervous system as to occasion the most *violent fits* and sufferings, that recurred almost daily for nine months, which confined her to her bed during that time. Being entreated by her father, I consented to make a trial of Galvanism which I did to her in bed, and to my surprise I found that after the first application of Galvanism, the *fits never* recurred, and after nine days she was able to leave her room, and I discontinued my attendance. The patient has not since had any of those fearful attacks.

I beg here to observe that in some cases of epileptic fits sent to me by medical men, I have not been uniformly successful. A few was cured or relieved, and others not at all benefited.

XI.—About eight years ago I was consulted by a country physician, on the case of a lady who had been confined to her bed for nearly a year by a complication of diseases, occasioned by wrong treatment in her accouchement, and was also suffering from the formation of an abscess on the liver. As the case appeared to me hopeless, I declined to attend the patient. Six weeks after, I received a letter from this gentleman, stating that the lady's abscess had burst externally ; but that she was still suffering extremely from other urgent symptoms which he hoped Galvanism would relieve. Agreeable to his request I went into the country, and took the necessary apparatus with me. When I first saw the patient she appeared to be in the last stage of disease ; she was unable to sleep, even by the

administration of the strongest doses of opium, had constant vomiting, fever, shiverings, pains in the right side, and obstruction of the bowels. After the first application of Galvanism, made in the presence of her medical attendant, she slept from twelve at noon till eight at night; after the second application, the vomiting ceased and she was able to take some oatmeal, tea, and after the third, the fever and shivering left her, the pain on the side ceased, and the obstruction of the bowels was removed; the fourth repetition of Galvanism produced a copious discharge of purulent matter from the vagina, which effected so great an improvement in the patient, that I left her under the care of her physician, and returned to London. A few weeks after, this lady was brought to town, and sent for me and proposed to place herself under my care and treatment. This I declined, but suggested a consultation, as her case was still one of great responsibility. Two physicians and an eminent surgeon met in consultation; they differed in opinion as to the seat, nature, and extent of the disease, but agreed in the belief that her recovery was *hopeless*. The patient having fixed on one of these physicians to attend with me, I commenced a course of Galvanism in conjunction with the medicines prescribed by the doctor, who almost daily witnessed my applications. The sufferings of the patient were great, from pains in the stomach, restlessness, depression of spirits, exhaustion, and other ailments arising both from *natural* and *moral* causes. I attended the patient with her physician about a month, when he told her that he should discontinue his visits, as all the medicines he had prescribed had proved useless in her case, and that *Galvanism only* had been beneficial to her. He then candidly admitted his ignorance of a remedy, the efficacy of which he was

convinced by daily observation, and left the case entirely to my management. Galvanism was continued a month longer, and I am happy to add a *perfect* cure was effected. The patient was not only restored to health, but also acquired the use of her legs, which she had lost for more than twelve months. On the following year, when this lady visited London, she sent for me to her hotel, to thank me for her complete recovery, and to prove by ocular demonstration, the full restoration of her moving powers. Some time after I heard, by a patient she recommended to me, that she fully retained all the benefits she had obtained by my instrumentality.

XII.—A gentleman about thirty-five, was recommended to me by an eminent surgeon in my neighbourhood. This patient had six years previous received severe injury by a fall from his horse, which affected his head, his digestive organs, his general health, and particularly the bladder. He was extremely nervous, and in a state of constant uneasiness, from the necessity of being always obliged to use a catheter to evacuate the bladder. In three weeks administration of Galvanism, the patient made considerable improvement in his general health, and before the expiration of six weeks he was perfectly cured of the local disease. Several months after, this gentleman called on me and on the surgeon who had recommended him to me, to report his perfect restoration, with the warmest expressions of gratitude for his recovery.

XIII.—I had a similar case of the bladder brought to me three years ago by another surgeon, occasioned by a local cause, which five applications of Galvanism perfectly cured, and the gentleman has continued well.

XIV.—A boy eight years of age was placed under my treatment by his father three years ago for St. Vitus's Dance, which complaint he had had for some months, and notwithstanding he had taken all the usual remedies, he continued to get worse. This obstinate malady I succeeded in curing in four weeks, and he has since continued free from the complaint.

XV.—A lady who had some years ago been cured of ovarian dropsy by my treatment, sent me a female last year who had been suffering for some months from general dropsy, preceded by repeated and severe attacks of erysipelas. The lower extremities and the bowels of the patient were considerably swelled, the secretion of the kidneys very scanty, the stomach deranged, the bowels confined, and the legs and feet disagreeably affected by the discharge of serous fluid from them. I employed Galvanism in this case about three weeks, which effected her recovery, and I understand she has since been quite well.

XVI.—A surgeon in great practice in my vicinity, consulted me three years ago in the case of a young lady, who had attained twenty-four years, but had never experienced that change in her constitution usual with females about the fifteenth year. I thought Galvanism would probably benefit her. The patient had been under medical care for many years; being of a noble family she had obtained the best advice, and tried every known means without advantage. In less than a month the Galvanic influence restored her general health, and effected the *desirable* object. Some time after, this liberal-minded practitioner came to congratulate me on the success of my practice, and to report the perfect cure of his patient.

XVII.—Two accoucheurs of high reputation, have for some years past sent me several ladies who had for months and years suffered from irregularity and obstruction, which seriously injured their general health and induced other diseases, affecting the head, the spirits, and the strength; after medical and other means had failed, I have had the happiness to succeed in some of those cases in a *very short time*.

To these facts there are other gentlemen of high standing in the profession will bear testimony. I may therefore confidently assure my female readers, that no remedy is so singularly, and I may almost venture to say, *certainly*, effectual as Galvanism and Electricity in the cure of female irregularities, obstruction, and their consequences, generally of a very delicate nature. These facts are known in hospital practice, and noticed by the best medical writers on the subject; but the remedies should be employed to causes and not to effects, and properly and regularly administered, to ensure success. In a practice of more than twenty-five years, I have not failed but in *three* cases, and in one of them nothing could have availed. In some instances after several years suppression, the reanimating and invigorating power of Galvanism has produced so great a change in the constitution, as to recussitate the vital powers and restore health with all its energies and enjoyments.

XVIII.—A middle aged gentleman, had for several years suffered from biliary derangements, and had also lost the use of his right hand and fingers for some months. In this case I employed the Galvanic influence to restore the digestive organs, which I fully accomplished in three weeks; I then used it to his hand and fingers for a few days, which has effected a perfect and permanent recovery.

XIX.—I had a similar, but worse case, in a young gentleman who had been in India some time, and had returned from Bombay, where he experienced great suffering from liver and stomach complaint, nervous derangement, and the loss of *both* his hands and fingers. Judging that the paralysis of the upper extremities was occasioned and perpetuated by the constitutional disease, I directed my attention to the liver and stomach, and I succeeded, in five weeks, in restoring their healthy functions, and after a few local applications the patient fully regained the use of his hands and fingers. The lapse of three years has proved the cure to be permanent. He is now in a merchant's counting-house, from whence I lately received a letter from him most beautifully written.

XX.—Six months ago I was requested to visit a gentleman very near me, who had just arrived from the country. He made the following statement:—"at the last shooting season I went out with my gun, and passing a hedge I fancied I ran a thorn in my fore-finger, it became so painful that I returned home, examined it but could see nothing, the pain extended to my arm, I sent for a surgeon, who poulticed the finger—the pain and inflammation increased, I became feverish and delirious, and I was confined to my bed for some days; the usual remedies were employed and I partly recovered. Soon after I felt my right hand and fingers benumbed, and then my left hand and fingers—afterwards the toes and foot of the right side, which was followed by the left—the numbness is now extending rapidly to my arms, and up the legs to the knees, so that I can hardly stand or walk from the uncertainty of my tread. I have no appetite, my stomach is much out of order, and the bowels require constant purgatives, my nerves are in a very weak and irritable state,

and I am daily and rapidly getting worse. I came to town in haste, to consult Dr. —, and Mr. —, my old friend, and yourself, if any thing can be done in my case. I have tried Galvanism in the country, it was applied to my hand, I fancied it assisted the motion a little, and nothing more." I gave him my opinion of his case, but refused to make any *local* application of Galvanism. After the consultation of those two medical gentleman, the patient informed me that they wished him to resort to my aid and that the Galvanism should be employed as I thought best.

In the treatment of this case which was considered *incurable* by both the physician and surgeon; I directed my attention to the restoration of the *digestive* organs and nervous system, after a few visits, the patient began to improve, his tongue became clearer, the pulse stronger, the bowels active, the numbness diminished, and the limbs grew stronger, and he was able to walk without support. In less than three weeks he so far recovered that he returned into the country in consequence of some important business. About two months after, I was agreeably surprised by a visit from this gentleman, who walked most *firmly* into my room, and said, "I am come to town on purpose to tell you that I am *now* perfectly recovered from every symptom of my complaint, by having rapidly progressed since I left you, and I can now most easily mount a horse of fourteen hands high, and use the strongest exercise without fatigue; in fact I have never been in better health all my life. I have just been to Dr. —, to tell him this, as a duty I owe to you, and I am now going to my friend Mr. —, to state the same fact. You are at full liberty to make use of my name in any way you think proper, or refer any one to me, to confirm the truth of my unhopd-for recovery."

XXI.—A lady of rank, about fifty years of age, came to town to consult an eminent practitioner of long standing and of great skill and success. After hearing the case, he frankly told her that he could not do her any good, and recommended her to place herself under my treatment, which she did. This patient had been for some years suffering from great derangement of her digestive organs, emaciation, weakness, nervousness, and paralysis of the right side, so that she could not walk without a stick, and that for a few yards only without resting on a seat. In this case I administered Galvanism for about six weeks, during which time she made considerable improvement in her general health and her corporeal powers. She then returned to the country, though not perfectly cured, but with the intention of coming to me again in a few weeks. As the lady improved so rapidly after she left me, my further aid was rendered unnecessary, for she had in the mean time fully regained her health and moving powers. About six months after, the medical gentleman who sent me this patient called on me to say that he had just seen her brother, the Duke of —, who had told him of his sister's extraordinary and *perfect recovery* with great delight, and spoke of my treatment with high encomiums; and he further added that in the course of his long practice he had never seen a case more out of the reach of medicine and the ordinary remedies than this lady's.

I have had several patients, sent to me by this liberal-minded and independant practitioner, from the higher ranks of society, in whose cases I have been generally successful, to which fact, as well as to the case I have just narrated, he will bear a disinterested testimony.

XXII.—A young lady about twelve years of age, who had lost all power in her legs and feet from her knees downwards, was taken by her mother to Sir C. C —, and then to Sir A. C —, for their advice. These gentlemen considered her case hopeless, and did *not* prescribe for her, but they thought it *possible* I could be of use to her. Her parents being most anxious to try any means even with the slightest chance of benefit, brought her to me in a carriage, she was lifted out of it, and carried in the arms of a servant into my room ; having heard her mother's statement of her case, she threw herself on the floor from a distant seat, and rapidly advanced towards me on her knees as she had lost all power to stand or walk. Having observed the state of her tongue and pulse, I was satisfied that her complaint was occasioned by the condition of her spinal nerves, to which I directed my remedial powers. On her fourth visit to me she was able to stand—after the seventh she walked into my room from the carriage, and before a fortnight's attendance, she fully regained the perfect and permanent use of her lower extremities. I then requested her to call on those gentleman who had sent her to me, which she did, and they were not a little surprised to witness the restoration of her moving powers.

XXIII.—About a year since, a gentleman who had been cured of a serious liver complaint, brought a patient with him to consult me, if my treatment would benefit him. This individual had been a very severe sufferer for more than twelve years from repeated attacks of asthma, which confined him to his bed for weeks. He seldom had any intervals between the paroxysm, except in the summer months. His general health was greatly impaired, his

digestion had been always bad, and his strength so much diminished, that he could not use foot exercise without great fatigue. Such was his cadaverous look, the appearance of his tongue, and the state of his pulse, that I suspected some organic disease. As his friend was very anxious to do him good, and I felt assured that Galvanism would do no harm, though it might not effectually cure him, I commenced its administration, but with slender hopes of success. In a few days the patient began to improve in his breathing, and as he continued with me, he gradually progressed in the recovery of his general health, as well as of his respiration. His appetite and strength increased—he regained his sleep—his cough and expectoration diminished—in short, after a longer time than usual, he became convalescent, and is now in excellent health, to the astonishment of all his friends, for he was supposed to be in a decline. In this case, medicines and all the usual means had been previously tried without benefit. I have lately heard of this gentleman's continuing remarkably well and looking the picture of health.

XXIV.—Late last year, a gentleman about forty became my patient for the cure of asthma, from which he had suffered much for some time. His cough and expectoration were great, and his breathing much affected. His digestive organs were also considerably deranged—his nights sleepless, and his general health seriously declining. In this case the Galvanism I administered to him, fully restored him to health and perfectly cured the asthma. I met this gentleman not long since, when he told me that he had not had the slightest recurrence of his complaint, and had acquired renewed vigour, and enjoyment of life.

XXV.—The most remarkable instance of the efficacy of Galvanism I ever saw, was in the case of a gentleman passed the middle age of life, who was suffering from a most fearful attack of spasmodic asthma. I was sent for early in the morning, to relieve him from the agonies of his disorder. When I entered his room, I was almost horrified to see him gasping for life, his breathing was distressingly quick and oppressed, his eyes almost protruded from their sockets, and he was convulsed from the effects of his difficult respiration. He was sitting erect in an arm-chair, which he had occupied more than two days without moving from his seat, he could neither eat, drink, nor sleep: his lady had called several medical men to his aid, who did nothing that relieved him, and lastly she sent to me. I never before saw such a distressing state of suffering, and as there was no time to be lost, without asking him any questions as to his general health, I commenced the administration of Galvanism with but slight hopes of success. The first application did very little good, the second was made in the evening with some little benefit, the third with advantage, the fourth with greater benefit, but the fifth was completely effectual; and I was most agreeably surprised to find him on my sixth visit perfectly relieved and cured of the complaint.

These three cases are selected, together with those that follow, to convince desponding invalids of the *superior* efficacy of Galvanism to other remedies in the cure or relief of habitual or spasmodic asthma. In this assertion, I am confirmed by cures which were effected in that disorder at the Worcester Infirmary, under the late superintendence of Dr. Wilson Philip, and published in his important work on the "Vital Functions." His discoveries

and observations merit particular attention. In page 315 he remarks that "we have seen from repeated trials, that both the oppressed breathing and the collection of phlegm, caused by the division of the eighth pair of nerves, may be prevented by sending a stream of Galvanism through the lungs, as proved by experiments 46, 47, 48, and 49. That this may be done with safety in the human body, we know from numberless instances, in which Galvanism has been applied to it in every possible way;" again, "I have employed Galvanism in many cases of habitual asthma, and almost uniformly with relief; I have known the breathing instantly relieved. It is remarkable, that in several who had laboured under asthmatic breathing from ten to twenty years, Galvanism gave relief quite as readily as in more recent cases, which proves, that the habitual difficulty of breathing, even in the most protracted cases, is *not* to be ascribed to *any* permanent change having taken place in the lungs."

"Of cases of habitual asthma, many occurred in the work people of the town where I reside, who had been obliged to abandon their employment in consequence of it, and some of them, from its long continuance, without any hope of returning to regular work. *Most* of them had tried the usual means in vain. By the use of Galvanism they were relieved in different degrees, but *all* sufficiently to be restored to their employments."

"I have not yet seen in any case in which Galvanism had been of considerable advantage, where its good effects appeared to have been lost. Many medical gentlemen have frequently witnessed the relief afforded by Galvanism in habitual asthma, and Mr. Cole, the house surgeon of the Worcester Infirmary, authorizes me to say that no other means there employed, have been equally efficacious in relieving this disease."

This scientific physician concludes his observations, founded on experiments, by giving several cases to illustrate his previous statement. His work on the Vital Functions has deservedly obtained a very high reputation, and has been generally read by scientific practitioners.

XXVII.—A middle aged gentleman who had for several months suffered extreme pain from sciatica, which so affected his left leg, that he could not walk, and produced so much uneasy feeling in the left thigh, that he could not sit on a chair but on the right thigh, sought my aid four years since. In this case I employed Galvanism but five times, which perfectly cured his complaint. I had the pleasure of seeing this patient last spring, when he *informed me* that his recovery *had been permanent*.

XXVIII.—Many years since, a young gentlemen from the country, placed himself under my care for a derangement of his general health and nervous system, and a painful affection of the lower bowels, which were cured by my remedies. Since then I lost sight of him: a few weeks ago I received a letter from him on business, in which he says, “about twenty-five years ago, I had the happiness of being cured by you of *extreme bodily weakness*, indigestion, and *piles*, by Galvanism; since *that time*, I have scarcely had a pain, and am fully convinced that I derived *radical* benefit from your kind assistance.” This gentleman is now a medical practitioner in the country, and his case, among others which I have given and can give, fully proves the *permanent good which has been obtained by my treatment*.

XXIX.—A gentleman, about twenty-four years of age, who had been very ill for some time, applied to me for assistance. His case was supposed to be an organic disease of the heart: as this was the opinion of the first medical practitioners, both in London and Paris, under whose treatment he had been for some time without advantage, I declined to administer Galvanism to him, before he had consulted a gentleman who was the oldest and most experienced physician in the metropolis. We met at his house, and after a long investigation of his complaint, the doctor said, he could give no positive opinion as to his disease of the heart, but approved of the trial of my Galvanic applications, in order to remove the obstinate torpidity of the bowels, and prescribed Epsom salts to assist their action. I then commenced my treatment, and the effect was marvellous; the patient soon discontinued the watery aperient as unnecessary, for the bowels resumed their functions, the distressing affection of the heart subsided, and he discontinued his attendance. Three months after he called to assure me of his perfect recovery, and has since continued well.

I have since had some cases supposed to be organic or structural diseases of the heart, but which were afterwards proved to be merely functional, from the recovery of the patients by my Galvanic treatment.

XXX.—A lady about forty years of age, who had just arrived from India, applied to me four years ago for the cure of tumours in both her breasts, which was supposed to be cancerous by the medical men whom she had consulted both at home and abroad, from the extreme pains and other symptoms she had endured; she also suffered much from nervous depression, and laboured under

considerable alarm and misery of mind. The long residence of this lady in a hot climate, occasioned also a disease of the liver, stomach, and bowels, with other ailments of a delicate nature. Galvanism was employed in this distressing case nearly two months with singular advantage. The tumours were nearly dispersed, the liver, stomach, and bowels performed their functions; the general health was regained, and her nervous system invigorated. The patient then returned to Madras, where she remained nearly three years. Last year she again came to England, and, on her way to the North, favoured me with a visit, accompanied by her sister, purposely to express her gratitude for the benefit she had obtained while under my care, and for her subsequent perfect recovery, without resorting to any other aid, from a disease which had for many years embittered her life.

I might here give some cases of INSANITY which have been successfully treated by Galvanism, a fact well known to those medical gentlemen who called me to their aid. Among the many cases of MELANCHOLY which have occurred in my practice, I shall narrate but a few to illustrate their individual peculiarities, their causes and effects, and their cure by Galvanism.

. XXXI.—A clergyman came to consult me while labouring under great despondency of mind, and a very bad state of health. He attributed his complaints to excessive grief from disappointed hopes. He had taken a large house, and was about to commence an academical establishment, and to form a matrimonial alliance with the fairest prospects of domestic happiness, when all his expectations were suddenly blasted by a most extraordinary event, that preyed on his spirits,

destroyed his health, weakened his mind and unfitted him for scholastic duties, which broke up his establishment. As his melancholy increased, he regarded his affliction as an infliction from Heaven. Although he was esteemed a man of strong mind, great acquirements, moral worth and piety, yet the erroneous notions he indulged, of his state of mind and body, and the sacred functions of his office, were most agonizing to his feelings. He fancied that his religious services were hypocritical, and that he was an infidel and blasphemer. He said that he frequently ascended his pulpit with fear and trembling, and while reading his discourse, which he did mechanically, his mind was so wholly absorbed by the most horrible thoughts, that he was obliged at last to give up his ministerial duties. Having then no occupation he became more miserable than ever, placed himself under medical care, and took the usual remedies without obtaining the benefit he sought. He then commenced a Galvanic course, which I am happy to say proved most beneficial, and effected his recovery in ten weeks. His general health was first restored, his spirits acquired their natural cheerfulness, his mind regained its intellectual capabilities, and he accepted the office of tutor in a nobleman's family, and has since continued perfectly well.

XXXII.—I had to attend a young lady who had been for some time exceedingly melancholy from a constitutional disturbance in her system, occasioned by obstruction. Her mind was so much affected, that she felt the greatest horror on seeing a stranger. Her time was occupied in singing sacred melodies, uttering complaints, and shedding tears expressive of the agony of her feelings. The means I employed, happily proved successful in less than a fortnight, and she was restored to perfect health, which she now enjoys.

XXXIII.—Another clergyman who had been in a melancholy state for some months, and was suffering from a derangement of the digestive organs, emaciation, and loss of strength, rendering him incapable of exercising his ministerial duties, was brought to me by a friend, who urged him to consult me on his case. This worthy man from religious and humane feelings, had exercised the greatest self-denial on himself to give bread to the poor of his flock. Notwithstanding his piety and benevolence, he entertained the most erroneous notions of religion, of his condition, and the kindness of his friends; he said on his first interview, that he came to me against his will, and had no confidence in my treatment; that his complaint was occasioned by moral, and not natural causes, therefore I could do him no good. However, he submitted to a Galvanic course, by which he gradually improved in three weeks; and in less than six weeks he was cured of his corporeal and mental complaint, and is now exercising his ministerial office in a large parish.

XXXIV.—A young lady was brought to me by her mother, who said “my daughter’s illness was occasioned by a constant attendance on her sister, during a long illness which proved fatal. This bereavement preyed on her spirits, and injured her health. Her malady has also been much increased by several deaths which have since occurred in our family. Her grief has become excessive, and she has cherished the most gloomy and awful apprehensions of her present and future state, and has all the distressing indications of confirmed melancholy.” In this case also my treatment proved effectual in curing a disease of *some* continuance in a *short* time.

XXXV.—A gentleman about forty-five applied to me for relief. He was then suffering great mental distress and despondency from the sudden death of two of his children, occasioned by wrong medicines being given to them by a drunken nurse. His grief and anguish of mind overwhelmed him, and destroyed his health; his nights became sleepless and restless. He cried like a child on the recital of his case, and said, that in addition to all his misery, he fully believed he was doomed by heaven to everlasting destruction. He also added that he could not endure the presence of his younger children without horror, nor the society of his wife without uneasiness, yet he could not bear to be left alone. He had been in this state several months. A constitutional treatment by Galvanism, though its efficacy was opposed by subsequent sufferings from *pecuniary* losses and other afflicting events, fully restored him to perfect health and cheerfulness of spirits. I saw this gentleman lately, after the lapse of some years, looking extremely well, and am happy to add that he has retained all the benefits he derived from a Galvanic course.

XXXVI.—The worst yet most successful case of perfect and permanent recovery which has ever occurred in my practice, was thus stated by the patient himself. "I am now about forty years of age, from my boyhood I have been hypochondriacal, my health and spirits were never good; I have always been suffering from a bilious complaint, though I had a strong appetite and regular state of bowels. During thirty years I have been frequently obliged to take emetics, large doses of calomel, purgatives, and other medicines, while under many medical men, which only afforded me temporary relief, but never removed my natural gloom and miserable

feelings, which made me timid, fearful, suspicious, shy, and distrustful ; I constantly looked to the worst side of things, from the fearful expectation of impending evils. To my *ideal* sufferings I have had to endure a succession of *real* evils, from a variety of causes too numerous to mention. I became most dreadfully nervous, started and trembled at the rapping at the street door, the shaking of a leaf, the creaking of a gate, and other trifles ; I shunned the presence of strangers, sought solitude, lived secluded, and avoided all society for many years. Having previously moved in gay society, in which I constantly *felt uneasy*, I became sick of the world and all its follies. I then sought relief in various studies, which only increased my malady, notwithstanding I took strong horse exercise and field diversions. I afterwards pursued a different course of life, and hoped to derive from theological studies and religious duties, some exemption from the morbid condition of my nerves, but was still haunted by an inexpressible gloom which seemed incurable : after many years suffering from heavy calamities, I became most dreadfully sensitive from the anticipation of evils that might happen to others. For months together, and at different times, I used to wake in the greatest horror at finding myself alive ; I was sometimes overwhelmed at night with such great distress of mind, that I sunk into a heavy but not refreshing sleep. At other times I was led to entertain the most gloomy and dismal views of religion ; travelling abroad, mixing in agreeable society, change of air and scene, indulging in rational and pleasurable amusements, only afforded me temporary benefit. I at last engaged in a more active pursuit, which absorbed my time and attention ; yet notwithstanding this my melancholic temperament predominated. I then sought relief from Galvanism, which thank God proved so bene-

ficial in my bilious complaint, that I also gradually recovered from my *most* distressing ailment, and after a few weeks felt myself an altered man, and eventually lost that *horrible* state of gloom and despondency which grew up with my growth, and haunted me through life. Now, after a lapse of many years, I can truly say I have never had a recurrence of that distressing complaint; though I have experienced many severe afflictions from various causes, yet in all my sufferings I have never felt melancholy or despondent, and I continue to enjoy, with a renovated state of health, that serenity of mind and cheerfulness of spirits, which I never expected to possess."

Several other cases of melancholy have come under my observation, occasioned by intense application of mind to various studies; mental exertions in various professions, law, physic and divinity,—from habits of criminal indulgence in early life, excesses in riper years, pecuniary losses and disappointments, ill requited love, and opposition to matrimonial alliances, but the above will suffice to prove how much the state of the mind is dependant on the state of the body; and that to cure "*a mind diseased,*" we must act on the brain through the medium of the nervous system and the digestive organs.

If my readers have perused these cases, I think they will allow that I am fully borne out in the correctness of my introductory remarks. A *few* incontrovertible *facts* are worth a *thousand* theories unsupported by evidence. The following inferences may be reasonably deduced from the preceding statement. 1st. That the *prejudice* against the use of Galvanism is founded on *ignorance* of its chymical and sanative powers. 2nd. That the most

extraordinary cures of chronic diseases have been effected by Galvanism, after medical and other means had failed. 3rd. That the benefits obtained by Galvanism, have not only been effectual, but *permanent*. 4th. That my treatment is both easy and *safe*, and that Galvanism has been found a beneficial *substitute* for *mercury* in *chronic complaints*.

Galvanism produces no baneful effects on the glandular, sanguiferous, nervous, or muscular systems, which a course of mercury *frequently* does. Mercury is often injurious in *some* constitutional temperaments; it induces *other* diseases; it is not immediately beneficial; it occasions great inconvenience; it requires *protection* from cold; it effects the gums, the teeth, and the breath; and it *cannot* be employed at *all* times and seasons, particularly to females, with such *safety* as Galvanism, which produces no such results. Dr. Trotter, in his work on the nervous temperament observes, "that mercury is *the most dangerous* of all frequent purges, it sooner exhausts the irritability and *vital* power of the intestines than any other oxide except arsenic; it *never* fails in the *end* to *add* to the disease, it is particularly contraindicated in the nervous temperament, from the mobile disposition of the nerves. Its most common consequences are dyspeptic affections. I believe all the derangements it occasions in the body are *small*, when compared with the *injury* done to the *nervous system* and *digestive powers*." Dr. Wilson also on the use and abuse of mercury, *particularly* notices its *hurtful* effects on the stomach and intestines. I could subjoin other quotations from high medical authorities, against the use of mercurial medicines in chronic disorders, but these must suffice to prove its baneful effects.

Should it be asked if Galvanism is so beneficial a

substitute for mercury, and so effectual as a curative means in chronic disorders, how is it that it is not more generally resorted to? I answer because it is not generally known and duly appreciated. I beg also to observe, that physicians *must not* administer it, because it is contrary to the laws of their college that they should perform any operations. Consulting and operating surgeons *will not* administer it, because their practice is much *more* lucrative. Surgeon apothecaries *cannot* administer it, because it would *interfere* with their general practice. If Galvanism could have been made up into pills and potions, it would ere this have been a principal article in the pharmacopœas of the united kingdom. As *this cannot possibly be done*, any one pretending to concentrate so subtile an influence as Galvanism into pills, or dissolve it into a fluid, will most grossly impose on the credulity of the public, and justly merit the reprobation and contempt of the intelligent.

In addition to these cases of more recent occurrence, I have added many more of a very extraordinary character, occasioned by the derangement of the nervous system, and the digestive organs; also of local affections of the kidneys, bladder, &c. The maladies peculiar to males and females, are of so delicate a nature that I cannot publish them—but the *following facts* will be sufficient to remove the doubts of those whose hope of cure has been long deferred, and whose hearts are sick from disappointed expectations.

CASES.

1. A patient about forty years of age, had laboured under a complication of diseases for years, and also suffered so much *from indigestion* that she had not been able for more than a week to taste any food, but was constantly sick, and could not retain even water on her stomach. Her case was deemed perfectly hopeless by her medical attendants; who, in consequence of the great irritability of her stomach, *objected* to a trial of Galvanism; however, at the earnest solicitation of the patient's relatives, I administered it for a few minutes only, as a mere experiment; the nausea and vomiting immediately ceased; and in two days after, she was able to eat solid food without experiencing the slightest inconvenience whatever, and eventually recovered.

2. I was called in by a physician to a patient who was apparently dying; he informed me that her stomach was in a state of collapse, occasioned by a violent inflammation of that organ, and requested a trial of Galvanism, which I administered with such immediate good effect, that a repetition was not deemed necessary.

3. A patient who had for four years laboured under many symptoms of *indigestion*, and during that period was unable to *digest* any solid food, living solely on arrow-root, gruel, etc., was able in a few days to eat animal food with the greatest relish; and eventually regained his digestive powers by a course of Galvanism.

4. A middle-aged gentleman, whose principal ailment was *acetous fermentation* of the stomach, and who had for several years been unable to eat fruit or vegetables, or drink any other beverage than weak brandy and

water, after a fortnight's course of Galvanism, was so fully restored, that he resumed his former mode of living.

5. I had a very remarkable case of indigestion, the leading feature of which was *flatulence* to so great a degree as to endanger the life of the patient. This affection generally came on an hour after meals, and so violent was the *pain* the patient endured in eructations, that he was frequently forced from his chair to the floor. Nothing afforded him any relief but Galvanism, which was administered to him but a few days.

6. A gentleman about fifty years of age, had suffered from *cramp* and *spasm in the stomach* and disordered respiration for five years, and had taken immense doses of mercury, purgative medicines, stomachics and tonics, without experiencing any material relief. He had recourse to Galvanism for three weeks, and was perfectly cured.

7. A middle-aged gentleman, who had long resided in a hot climate, suffered much from *diseased stomach* for five years; his *chilliness* and *debility* were so great that he was brought to me very warmly clothed on a hot summer's day, supported by a friend, without whose assistance he could not even stand for a few minutes. The third day after he was Galvanized he walked more than two miles; and in the course of a month, his circulation became vigorous, and his corporeal strength was restored.

8. Another patient, about fifty years of age, who had also lived for some years in one of the West India Islands, was constantly affected by an alarming *giddiness*; he came to England for advice, tried all the usual stomach

remedies, bleeding, cupping, leeches, blisters, setons, etc., without any advantage. He was perfectly and permanently cured by a three weeks' course of Galvanism.

9. A young gentleman, who suffering from *extreme depression of spirits*, had worked up his imagination to the belief that he should not live a fortnight longer, was cured in two weeks by the administration of Galvanism; not only of his *false conceit*, but also of violent *palpitation and fainting*, which were frequently induced by the slightest fatigue of body or mind.

10. I have very lately had a case in which the *loss of memory* was the principal feature of indigestion. The patient was so forgetful that he could not go from home alone, as he could not remember his way back, or any circumstance that might have occurred the day before. In two months Galvanism effected his recovery, and he was enabled to transact business with perfect recollection.

11. A stout robust man, sixty years of age, who had not been able to *sleep* for more than a fortnight, came to me for advice; he stated that his mind and temper had been for some months past in a state of great irritation. After the first application of Galvanism he became more composed, and on the second he had refreshing sleep; in five weeks he regained his digestive powers, and has since continued well.

12. A gentleman sixty years, whose sleep was constantly disturbed by the most *distressing dreams and nightmare*, was after a short course of Galvanism perfectly cured, and he has not since experienced the slightest return of his disorder.

13. A lady, about fifty years of age, had, for *fifteen* years, suffered from continued and *violent head-ache*. Her indisposition was so great that she was very often confined to her bed, and she had not left her house for two years before she came to me. Galvanism was in this case successfully administered for nearly three months, and she perfectly recovered.

14. A patient who had, for ten years, endured the most distressing pains in her right side from *chronic inflammation of the liver*, which could not be subdued by general and topical bleedings, mercurials, etc., was perfectly cured by a short course of Galvanism.

15. A gentleman about fifty years of age, had had frequent attacks of acute inflammation of the liver, which terminated in the *enlargement* and *torpidity* of that organ, from which he suffered for four years ; during that time mercurials were exhibited in every form, the nitro-muriatic baths perseveringly tried, and general and local bleedings, blisters, tartarized ointment, setons, etc., often repeated to no purpose. This patient was cured of his disease by the use of Galvanism in six weeks.

16. A lady whose liver had been in a *torpid* state for more than twenty years, and notwithstanding she had tried repeated courses of mercury, acid baths, and mineral waters, that organ still remained inert ; it was eventually excited to action by Galvanism, which was employed for three months. Since that time her liver has performed its function with activity.

17. A middle-aged gentleman, who, sixteen years ago, had met with a serious accident which brought on a

violent inflammation of the liver, induced *great torpidity*, and left a very considerable hardness in that organ, was cured by the administration of Galvanism in the short space of two months.

18. A gentleman who had lived in the West Indies for many years, and whose liver was pronounced to be *scirrhus* by all the medical men he had consulted, obtained perfect and permanent recovery from Galvanism in three months.

19. In a patient to whom Galvanism was applied but once for *obstruction in the gall ducts*, from spasmodic constriction, it produced so copious a discharge of bile that he had fourteen evacuations immediately after ; and was thus speedily cured.

20. A lady, after four applications of Galvanism, had her bowels moved more than forty times in three days, and discharged an immense quantity of *vitiating and putrid bile*, without occasioning any other inconvenience than a little weakness ; and she was soon after restored to health.

21. An elderly gentleman, who had frequent attacks of *jaundice*, was, after a fortnight's course of Galvanism, perfectly restored.

22. A young gentleman, who had been *jaundiced* for a considerable time, was, after the failure of every other means, cured by Galvanism.

23. A middle-aged gentleman, suffering from a *liver complaint*, had, under the direction of a physician,

taken for a long time large doses of calomel, which never affected the mouth, but always passed off by the bowels, after a short course of Galvanism discontinued it, as his liver was sufficiently excited, and his health was soon after restored.

24. A young lady, who had been a long time under medical care for a *chronic inflammation* of the bowels, which had produced extreme emaciation and loss of strength, was perfectly cured by Galvanism in a few weeks.

25. In a case of *diarrhœa*, which occurred in my practice, the bowels were for some months constantly in a state of great irritation, and discharged their contents from *twenty to thirty* times a day; but Galvanism gradually effected a cure in the course of ten weeks.

26. A gentleman who had an acute inflammation of the liver and *spleen*, which terminated in a very considerable *enlargement and hardness of the spleen*, went through a course of Galvanism, and obtained the greatest benefit. The liver resumed its functions, and the spleen was reduced and softened.

27. Mr. —, who had constant pain in the *right kidney*, which had continued for some months, obtained perfect relief in a few weeks, and has since been free from that ailment.

28. A gentleman who had not *secreted nor passed any urine for six days*, and had taken immense doses of cantharides and other powerful diuretics, hot baths, etc., without any benefit, after the third application of Galvanism freely discharged the contents of the bladder.

29. A gentleman, sixty years old, who had long been an invalid and suffered much from *spasmodic irritation of the neck of bladder*, and had nearly lost the power of retaining the urine, was cured in six weeks.

30. A gentleman who had for years complained of a *spasmodic stricture* of the urethra, and great difficulty in voiding urine, was relieved in a few days, and has since been free from all uneasiness.

31. A middle-aged man, who had for some years suffered from indigestion, was suddenly attacked by *hemiplegia* (palsy of one entire side of the body, from the head to the foot); the sight and speech became affected, his spirits greatly depressed, and his memory and judgment impaired. The remote cause was too great exertion and uneasiness of mind. The usual appropriate remedies were immediately employed, as well as blisters, liniments, Bath-waters, etc., with but partial relief. The effects of the disease continued for some years, till a course of Galvanism restored the patient.

32. A young female, who had an attack of *palsy* in the left side of the body, occasioned by a depression of her nervous system, arising from a train of distressing circumstances, and a constant attendance upon a sick bed, derived the greatest benefit from the internal administration of Galvanism.

33. A robust gentleman, about forty years old, from an attack of *palsy* in the left side of the body had lost the use of his arm and leg; he had been bled, reduced by purgatives, and kept for some time on a very low diet. Through the good effects produced by the

Galvanic stimulus, he fully regained the use of his hand and arm; his leg and foot were also restored, but not their natural gait.

34. A middle-aged lady had an attack of *palsy* in the right side of her face. Her sight was injured, the size of the eye increased, and the eyelid dropped; the muscles of the face also appeared much swelled and immovable, and her mouth was drawn aside. The patient, after having for nearly a year gone through the usual treatment of general and local bleedings, blisterings, purgatives, and stomach remedies, and after using powerful stimulants for some time without any relief, was cured by a course of Galvanism.

35. A middle-aged lady had for some months *gradually lost the use of both hands*, attended by a numbness in the fingers, occasioned by a stomach and liver complaint, from which she had suffered for some years. This patient was restored in a few weeks by the administration of Galvanism to the digestive organs.

36. An elderly gentleman who had almost lost the use of his right leg, and was obliged to walk with a stick and support himself by it when standing, after a three weeks' course of Galvanism fully regained the power and motion of his leg.

37. A gentleman, about thirty years of age, suffered from *paraplegia*, which affected both the *bladder and the rectum* so as to render him unable to retain his urine or fæces. In this case also Galvanism succeeded.

38. A youth labouring under the same complaint, arising from an affection of the *nerves of the spine*, had been kept in a recumbent position for some months without deriving any benefit from that treatment. The internal use of Galvanism roused the action of the bowels, and produced daily evacuations without the aid of aperients, which were before absolutely required ; it gave tone to the enfeebled nerves of the spine, and in three weeks the patient was perfectly cured.

39. A lady far advanced in life, who had for years been subject to a constant *trembling* of the head and hands, which was always increased by the slightest agitation of the mind, was perfectly cured after a short course of Galvanism.

40. An elderly man who had suffered extremely under an incessant, violent, and irregular movement of the head, and frightful distortions of the countenance, for more than twenty years, was considerably relieved by Galvanism. He was rendered capable of reading, writing, eating, and drinking, without inconvenience ; and was also enabled to sleep by reposing his head on his pillow, without the necessity of using a leathern strap to bind it down to the bed-post to prevent its sudden and violent agitation, which had previously been the case. The muscles of the face were more composed, and did not any longer produce the same ludicrous contortions.

41. A female who for some months had been severely affected by an attack of *Saint Vitus's Dance*, and had tried all the usual remedies under various practitioners without any mitigation of her sufferings, was perfectly cured of the disease by the internal administration of Galvanism for a few weeks.

42. A gentleman, far advanced in life, had been for more than twenty years constantly suffering from *habitual asthma*, and a great difficulty in expectorating the tough viscid phlegm, which impeded respiration. In a very few minutes after he was subjected to the Galvanic current, his breathing became perfectly easy, he was able to expectorate freely, and to walk up stairs without any difficulty. After a month he obtained perfect recovery.

43. A middle-aged man, who had been for several years subject to very frequent and sudden attacks of *spasmodic asthma*, and who was frequently obliged to start out of bed and throw open his window for fresh air, to prevent suffocation, obtained a cure from Galvanism.

44. A dyspeptic patient, about fifty years old, who had been a very free liver, and had become very *corpulent*, was, in one fortnight, reduced four inches in circumference, which he ascertained by measurement; and in five weeks he regained his former shape and activity.

45. A youth, about fifteen years of age, had laboured under some of the symptoms of *incipient consumption*, attended with laborious respiration, emaciation, prostration of strength, spitting of blood, and an incessant teasing cough, most troublesome at night, with a slight degree of feeble action. As this patient was also suffering much from indigestion and diarrhoea, I directed the Galvanic influence to the stomach, liver, and bowels, and carefully avoided any excitement of the lungs. In the course of three weeks the patient obtained freedom from the distressing symptoms which had oppressed him; and in a fortnight after he regained his former health.

46. To a lady, aged forty-five, who had for more than fifteen years suffered from *incysted dropsy*, Galvanism, in conjunction with Electricity, proved singularly efficacious. This patient, who had all the appearance of a female in the last stage of pregnancy, after one month was reduced in circumference about two inches ; and a further reduction became evident, about four weeks after, to the extent of three or four inches. After persevering for several months this lady was restored to nearly her natural size, and was perfectly cured.

47. Two cases of *hydrocele*, or dropsy of the scrotum, have come under my treatment, in both of which the patients derived the greatest advantage. In the apparently more favourable case, relief was only obtained ; but a perfect recovery was effected in the other, where little benefit was expected.

48. A young female, about eighteen years of age, who had a more healthy appearance and less freedom from the symptoms than usually characterize *green sickness*, had for more than two years tried the ordinary remedies, under various practitioners, as well as horse-exercise, change of air, etc., without any effect. Being fully satisfied that Galvanism would be beneficial in her case, I administered that remedy for some weeks, which eventually proved efficacious.

49. A middle-aged female, apparently healthy, had for nearly twelve months suffered extremely from *obstruction*. The most powerful emmenagogues, as well as other medicines, had been tried without effect. Galvanism was in this case employed, and the patient obtained perfect recovery.

50. A young lady of a very full habit, who was subject to *green sickness* in the greatest degree, and whose vital powers were so much reduced that the most serious consequences were apprehended, was perfectly cured by a course of Galvanism in a short time.

51. A middle-aged female of a very delicate constitution, who had from the earliest period of her indisposition suffered extremely, at certain times, from the most violent spasmodic pains in the back and bowels, attended with giddiness, sickness, headache, and hysterical fits, which nothing but the largest doses of opium and assafoetida could relieve; obtained from a short course of Galvanism such decided benefit, that she has not since had recourse to any sedatives or anti-spasmodics whatever.

52. An unmarried female, about forty years of age, of a delicate constitution, who had been out of health for many years, and had for more than *two years* ceased to have *any periodical indisposition*, after a trial of Galvanism, made with a view of restoring the action of the liver, which was affected, again experienced the salutary returns, which regularly continued.

53. A middle-aged man, who had suffered some time from an obstruction of the liver, and a *dropsical affection* of his legs and thighs, extending even to the scrotum, was in the course of a very short time, effectually cured.

54. A middle-aged man, who for some months had several small, hard, and *indolent tumours* under the chin and different parts of the neck, which no local applications could remove, was fully cured in a few weeks by the topical administration of Galvanism.

55. A boy about nine years old, who was affected with a *scrofulous tumour* of the neck, which disfigured his face, injured his sight, and destroyed his hearing, was perfectly cured in a few weeks.

56. A married female had suffered extremely for some years from a *painful tumour of the breast*, which gradually increased in size and hardness, notwithstanding she had recourse to frequent applications of leeches, and other local as well as constitutional remedies; after a few trials of Galvanism, the pain was relieved, and the tumour considerably reduced and softened, and the complaint was cured.

57. A gentleman, who had for some years a very deep scrofulous sore in a *certain* gland, which had destroyed one-half of it, and which could not be cured by the internal or external remedies he had used, under the direction of his medical advisers; after a fortnight's course of Galvanism he perceived a considerable improvement, and before the expiration of a month the local ailment was perfectly cured.

58. A young lady, who had for four years suffered from indigestion, which was attended with a *peculiar affection of the skin*, was perfectly cured of the malady, and has ever since been free from the complaint.

59. A gentleman who had for a long time been subject to *large pimples on the forehead and neck*, and *painful boils* in different parts of the body, was, after a short course of Galvanism, perfectly cured.

60. A patient who was suffering extremely from a

severe *herpetic affection* of the legs and feet, which had baffled the powers of all the remedies prescribed, derived the greatest relief from Galvanism, and became free from the complaint.

61. A patient suffering from a *disordered and painful respiration*, in a moment became easy, and free from the pain of which he complained, which was instantly removed to the ball of the great toe by the application of Galvanism. Pursuing my usual plan for a few days, the *gouty action ceased*, and his general health was regained.

62. A middle-aged man, who had for many years been suffering from *atonic gout*, and had had recourse to Galvanism, after the recovery of his digestive functions, while in apparent health, experienced a sudden attack of gout, which was also cured.

63. A *gouty subject*, who complained of a violent pain in the region of the liver, which extended to the bowels, and who had, at times, suffered extremely from violent spasms in the stomach, and from giddiness and pain in the head and the eye-balls, applied to me for relief. The patient being under very considerable excitement at that time, I very cautiously employed a feeble galvanic power to the region of the liver; when, to my astonishment, he assured me, that it immediately removed the pain he had felt in the side and bowels to the great toe of the right foot, so that he was hardly able to walk across the room, and was conveyed home in a coach. On the following day he came to me on foot; and after a few applications of Galvanism he was restored to robust health.

64. A middle-aged man, who applied for my assistance, had suffered for a series of years the most violent attacks of *regular gout*, and was often confined to his bed, for weeks together, by a succession of gouty paroxysms, which first affected the elbow, wrist, and right hand, and then the joints of the left hand, afterwards the knee and foot of the right leg ; and then the joints of the left leg ; I administered the Air-pump Vapour-bath, which afforded him the greatest relief in a few days. After this he commenced a course of Galvanism, which in a few weeks, restored his general health, and for years after, he escaped those periodical attacks of gout to which he had almost been a martyr.

65. An elderly man had been lame of the right leg from an *affection of the sciatic nerve* ; the limb had lost both its strength and substance, though the general health was not materially affected. I administered Galvanism for three weeks with admirable effect ; in a month his stomach and liver performed their functions, and the patient was able to lay aside his stick and walked with perfect ease.

66. A gentleman, aged forty, whose right ear was rendered deaf by the explosion of a bomb which was supposed to have relaxed or otherwise injured the tympanum, tried the application of Galvanism, and very soon after, the hearing of the right ear, which had been lost for four years, was fully regained.

67. A young lady, had been deaf of both ears for more than three years, and under the direction of several aurists, had tried various internal and external applications in vain. Galvanism was administered about

five weeks, and she regained her sensorial power, and her hearing has continued perfectly good.

68. A middle-aged gentleman became deaf of the right ear, and continued so for more than eight years; he complained of noises in the head, dryness of the ear, from a defective secretion of wax, and other symptoms characteristic of nervous deafness. Galvanism was daily administered for three weeks, which fully restored his hearing.

69. A gentleman, about thirty years of age, had gradually become exceedingly *deaf of both ears*, and had continued so for more than fourteen years. The privation of his sensorial power he attributed to a *coup de soleil*, though his relatives had perceived that his power of hearing had been diminished for some months before. After a long course of Galvanism this patient was nearly restored to perfect hearing.

70. A young lady had been deaf of both ears for several years. Her deafness was preceded by the loss of general health and a violent sore throat, which occasioned a considerable enlargement of the glands. She complained of great derangement of her digestive organs, painful affections of the head, great noise in the ears, fullness and constriction of the throat, and extreme difficulty in distinguishing the sound of the voice from the noises in her head. The internal administration of Galvanism not only effected the restoration of her general health in a few weeks, but in a great measure removed the combined causes of her deafness.

71. To a middle-aged gentleman, who had been deaf of the right ear for some years, induced by the over-exhibition of mercury for syphilis, Galvanism was employed for a month, when the patient regained the hearing of the affected ear.

72. A scrofulous patient, who had for several years been subject to glandular swellings of the neck and throat, which occasioned an *obstruction* of the eustachian tube, was, after a five weeks' course of Galvanism, perfectly restored to his former hearing.

73. A boy about twelve years of age, who had been *deaf for some years*, had a purulent discharge from both ears; his general health was impaired from an inactivity of the liver and the bowels. Galvanism was constitutionally employed, with a view of removing the disease of the abdominal viscera, which it perfectly effected in a few weeks; the morbid discharge from both ears ceased, and he regained his hearing.

74. A young lady had suffered extremely from ill health for many years; her digestive organs were exceedingly deranged, her nervous system agitated by the slightest emotion of the mind, and her hearing was greatly impaired. The patient, after six weeks, regained her digestive powers, and her nervous and corporeal energy; and her hearing was so far regained that she could distinctly hear any one speak in a low tone of voice.

75. A healthy young woman became gradually deaf of both ears, six years ago, and her deafness increased to that degree, that she was obliged to relinquish her situation as lady's maid. Various internal and ex-

ternal remedies had been perseveringly tried to no purpose ; and her deafness, which was decidedly nervous, was perfectly cured by the Galvanism.

76. To a gentleman, who for many years had become *deaf in the right ear* by a partial closure of the eustachian tube, I made but three applications to remove the obstruction, which mechanically impeded the progress of sound, and he experienced a sudden, perfect, and permanent recovery.

77. A gentleman, whose *blindness* was occasioned by a defective energy of the optic nerves, from intense application to minute objects, but whose health was tolerably good, was, after a tedious course of Galvanism, restored to useful sight.

78. A middle-aged man, whose *sight* was nearly lost from syphilitic inflammation, was soon restored by the administration of Galvanism.

79. A young gentleman labouring under a scrofulous affection, who had a high degree of chronic inflammation in the left eye, which entirely suspended visual power, after a long course of medical treatment which afforded him no relief, was perfectly cured by Galvanism in a fortnight, and has not had any recurrence of the complaint.

80. A patient whose right eye was nearly destroyed by a racquet ball, and another, whose eye was very seriously injured by a wine-bottle thrown at his head, were sent to me by an eminent oculist. In these cases the local application of Galvanism not only removed the

chronic inflammation, but gave tone to the organs of sight, and fully restored the visual powers.

81. A young lady, who had for some time been blind in the left eye, a *middle-aged* man, who had nearly lost the sight of both eyes, and an *elderly gentleman*, who had been totally blind of the right eye for ten years, fully regained their sight by the exhibition of Galvanism.

82. A middle-aged lady, who had an incipient cataract formed on the left eye, that greatly impaired her sight, was cured by Galvanism in a few weeks.

83. Two elderly ladies had cataracts formed on both eyes; the daily application of Galvanism for three weeks arrested the further progress of the disease.

84. In another case the operation of depressing and dividing the crystalline was skilfully performed, and Galvanism was afterwards employed, which produced a most rapid *absorption* of the cataract, and the sight in a short time was restored.

85. A gentleman, who had had the strongest sight, and could see distant objects, both in the day and night, with remarkable acuteness, became excessively dim at night, especially during the summer months. After the usual treatment had failed to remove his complaint, Galvanism fully restored his sight to its former strength.

86. A case of *morbid affection of the nerves* of the head and arm came under my care. The patient, a lady about forty years of age, had been suffering from

that complaint for some months, and her general health was much impaired ; Galvanism was administered with the best effect. In the course of three months the patient recovered.

87. A female about thirty years of age, had for several months suffered from *tic doloureux* on the right side of her face. Her complaint gradually increased, and so great was the agony she endured, that she was rendered incapable of remaining in her situation. Various remedies were tried without advantage. She had had several teeth extracted, but without alleviation. In the course of three weeks she was cured, since which time she has not had any recurrence of the disease.

88. A gentleman, far advanced in life, who had suffered severely from *tic doloureux* for more than seventeen years, and had tried all the well-known remedies for his complaint without benefit, was cured by Galvanism in ten weeks.

It affords me the greatest satisfaction to say, that I have lately heard from and seen several of my former patients, who had been cured many years ago of various disorders (whose cases I published in the Third Edition of this work*), that they have since been and are now in excellent health. Some of them have been a long time abroad in unhealthy climates, engaged in Military and Civil Services, and have returned to their native country

* A few Copies of this Work containing several interesting Cases given at large, may be had at my Residence.

without any injury to their constitution; others who were on crutches, have since their recovery, years since, fully retained the perfect use of their limbs. These individuals as well as those who have been more recently under my care, will be happy to bear witness to the permanent good they have derived from my treatment.

ON ELECTRO-MAGNETIC CURRENTS AND APPARATUS.

Various apparatus have been lately invented for the Excitation of Electricity and Galvanism, by Magnetic Agency and Medium, Mr. Clarke's ingenious Machine exciting Electricity by Magnetic Agency (properly called ELECTRO-MAGNETIC CURRENT), is superior to small Cylinder and Plate Machines for giving strongshocks, but not for the administration of the milder form of Electricity. The Electric Machine I employ, from its magnitude (the glass Cylinder being 6 feet in circumference), is fully effective for all purposes.

The Apparatus for developing the Galvanic Fluid and passing it through a Magnetic Medium, though powerful for Philosophical Experiments, is vastly *inferior* for *medical use* to the Batteries I have for years employed. In fact I have not found this Apparatus *efficient* for the various forms in which I administer the Galvanic Fluid.

I am induced to make these remarks, as the results of *my experience*, lest the reputation of *Electricity* and *Galvanism* suffer from the inefficiency of these modern inventions.