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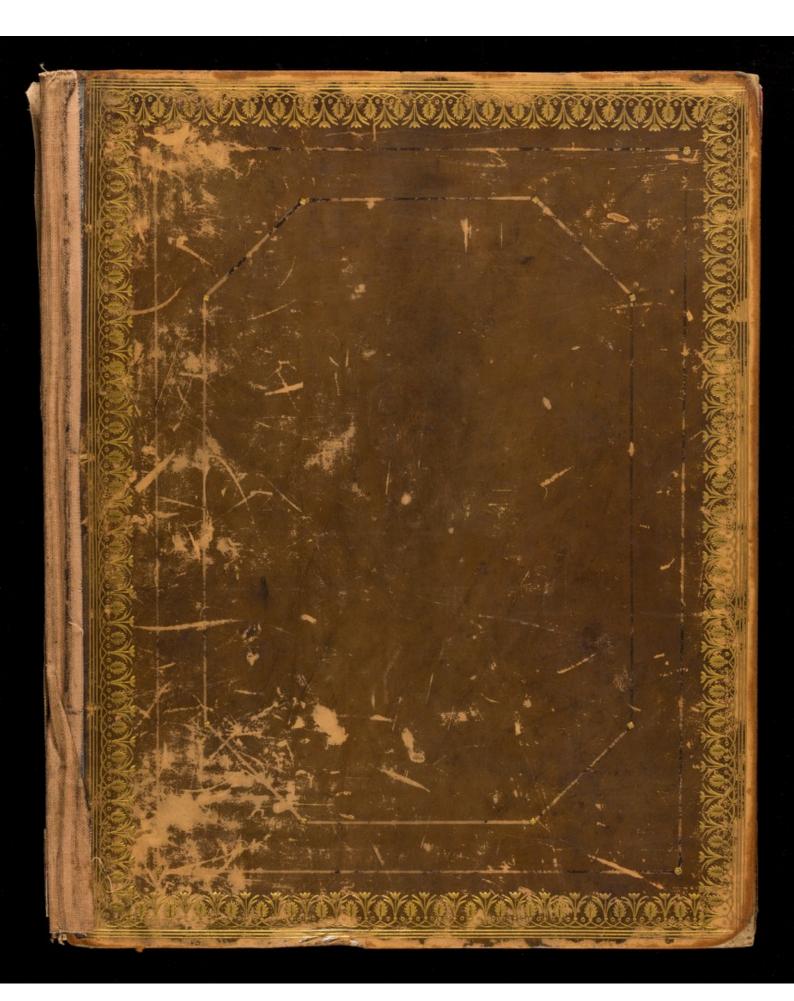
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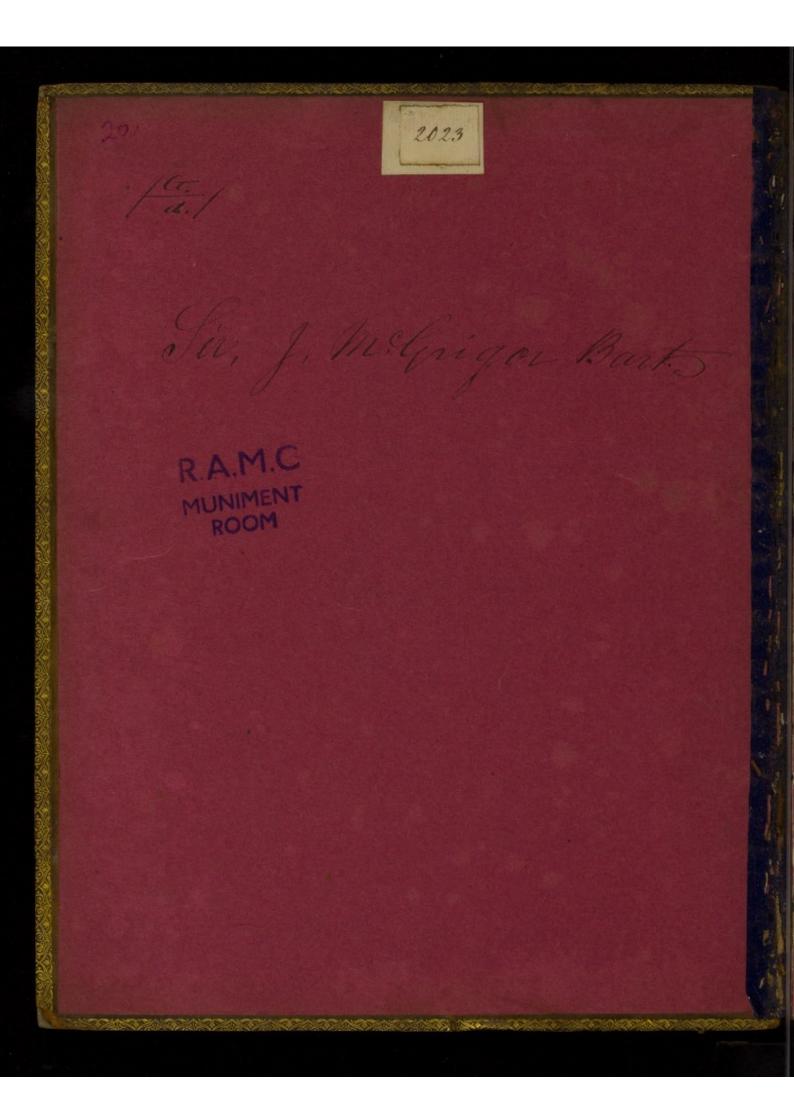
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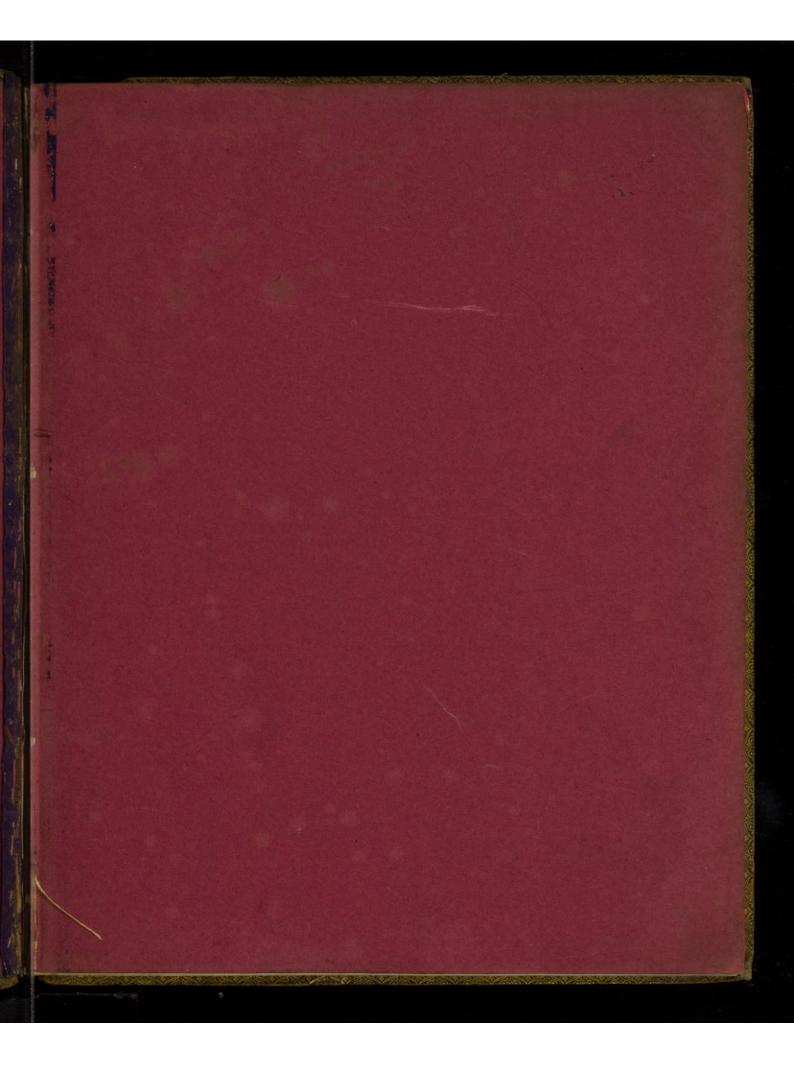
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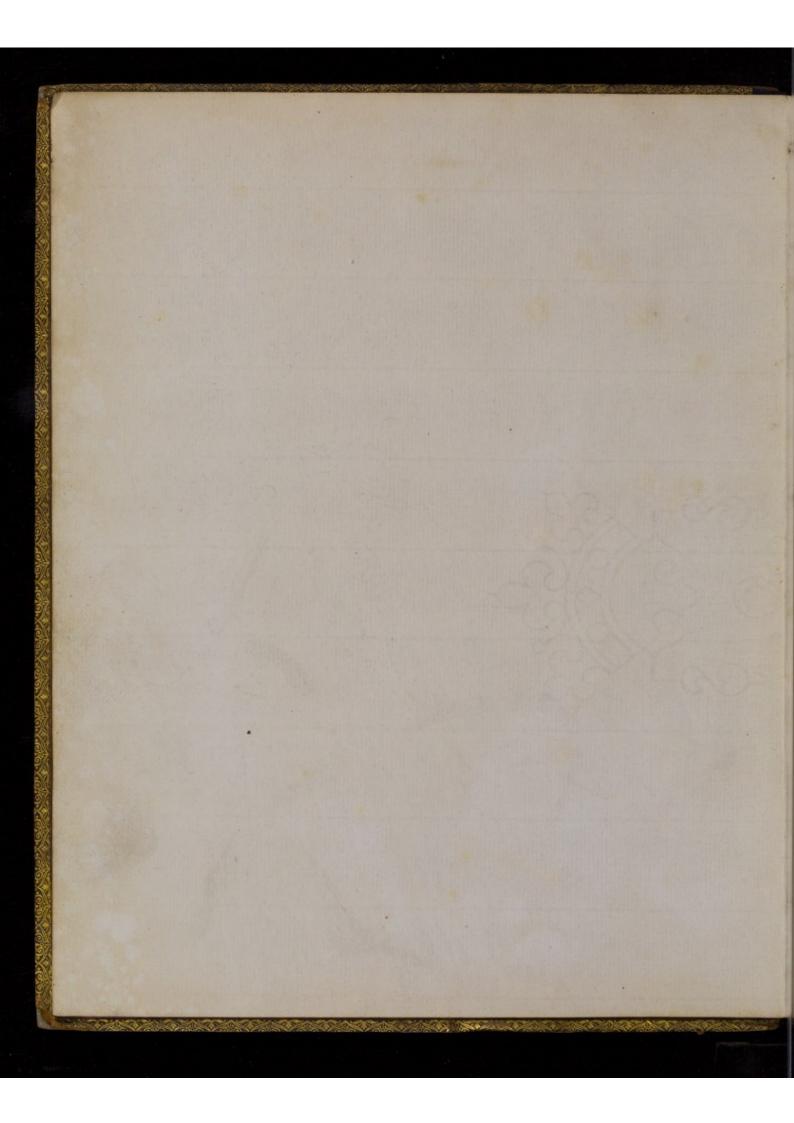


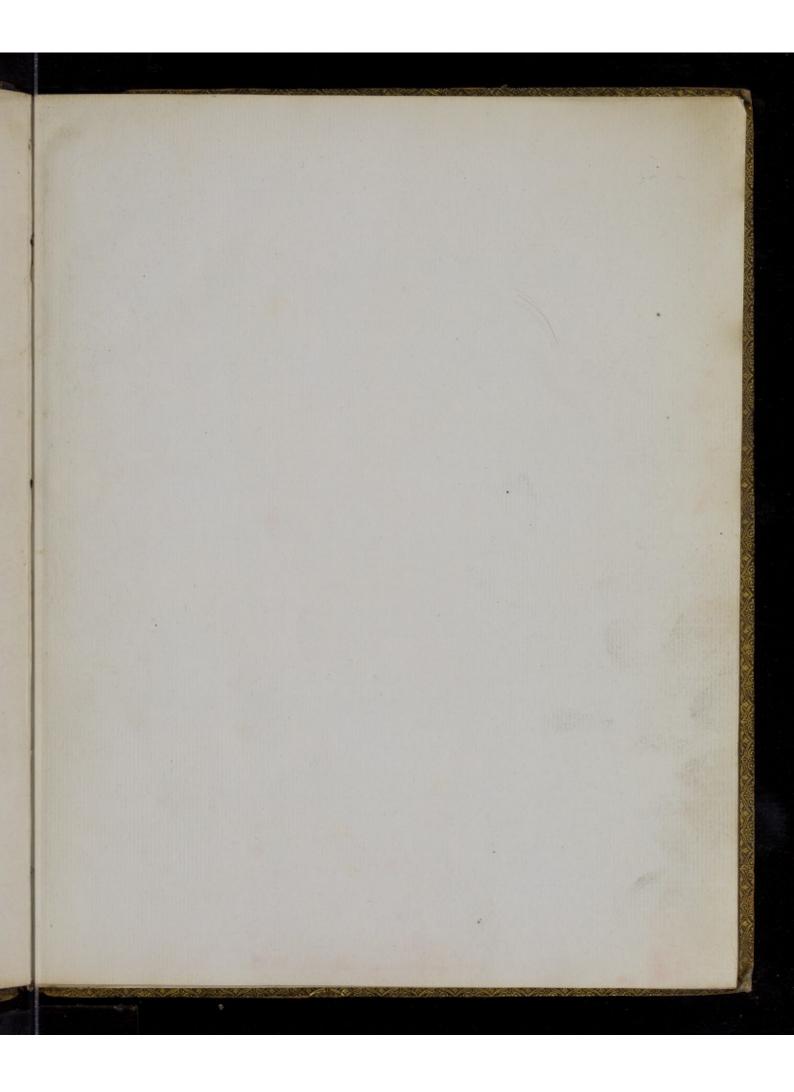
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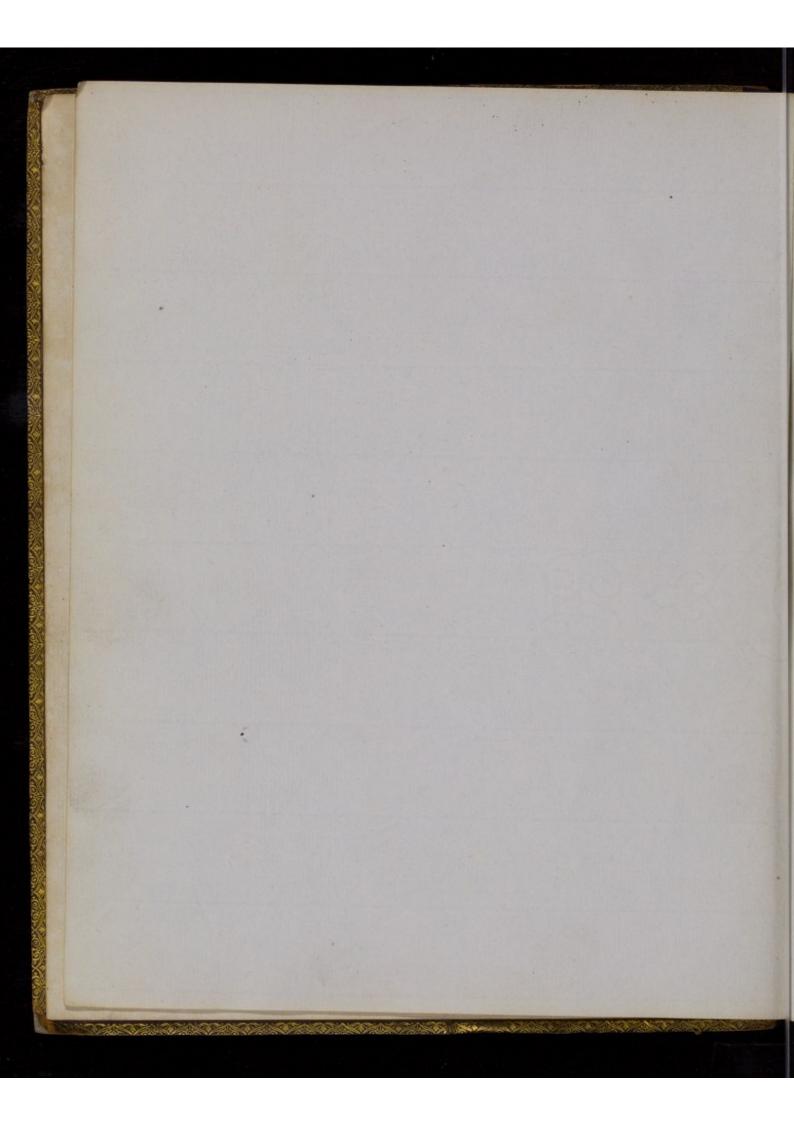


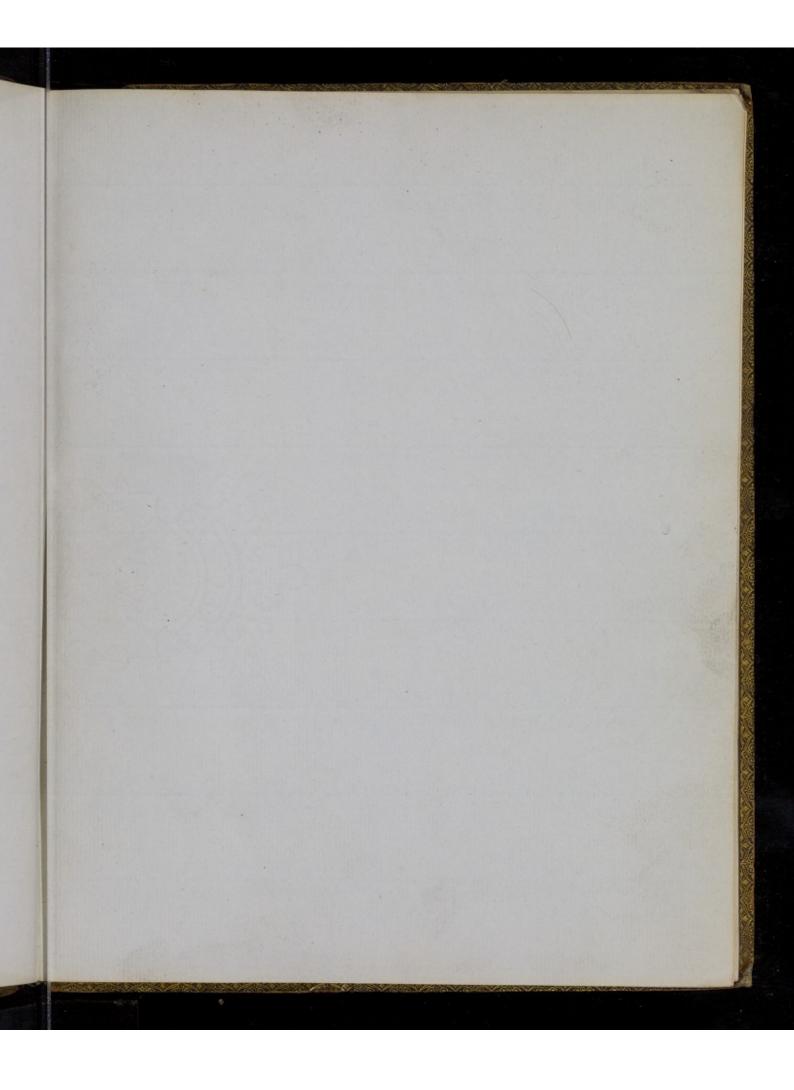


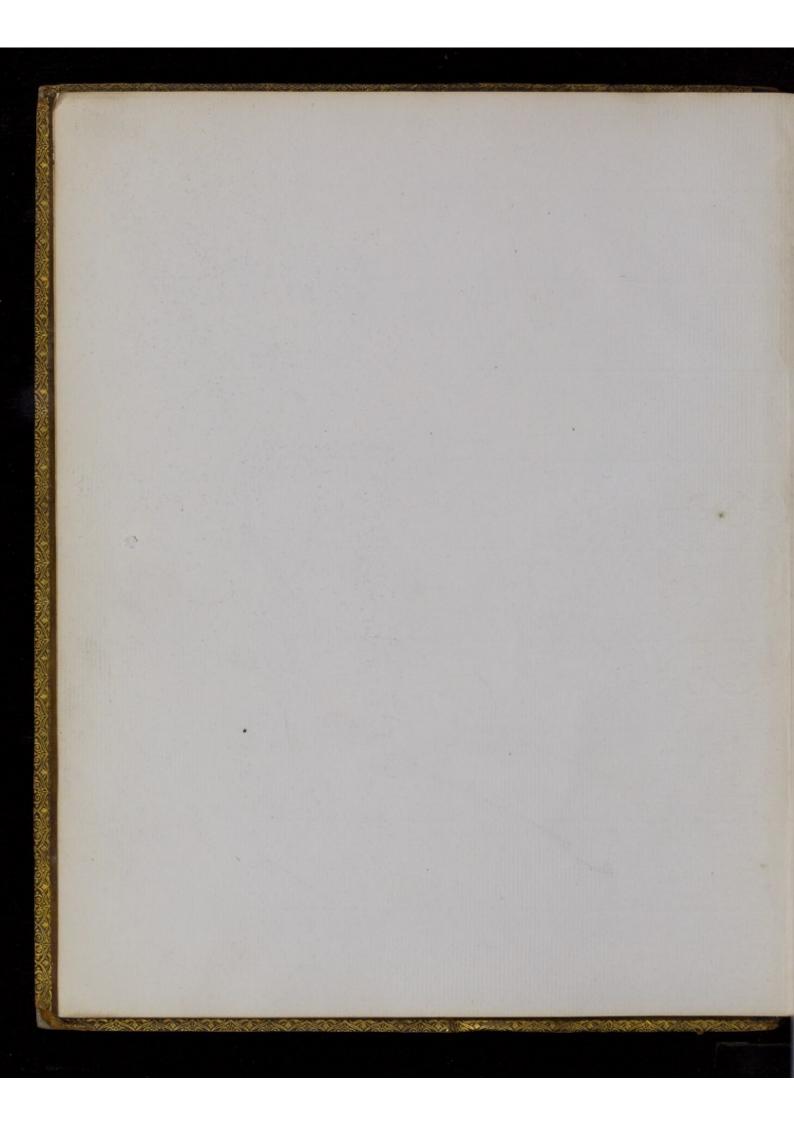


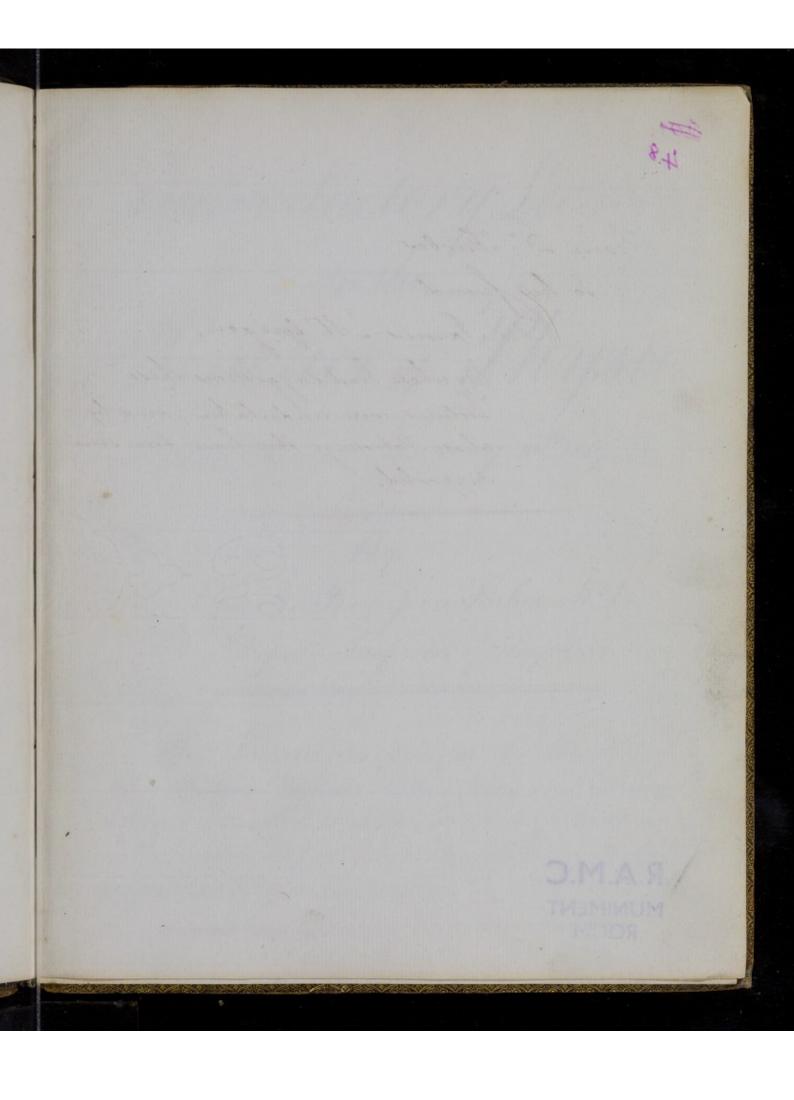








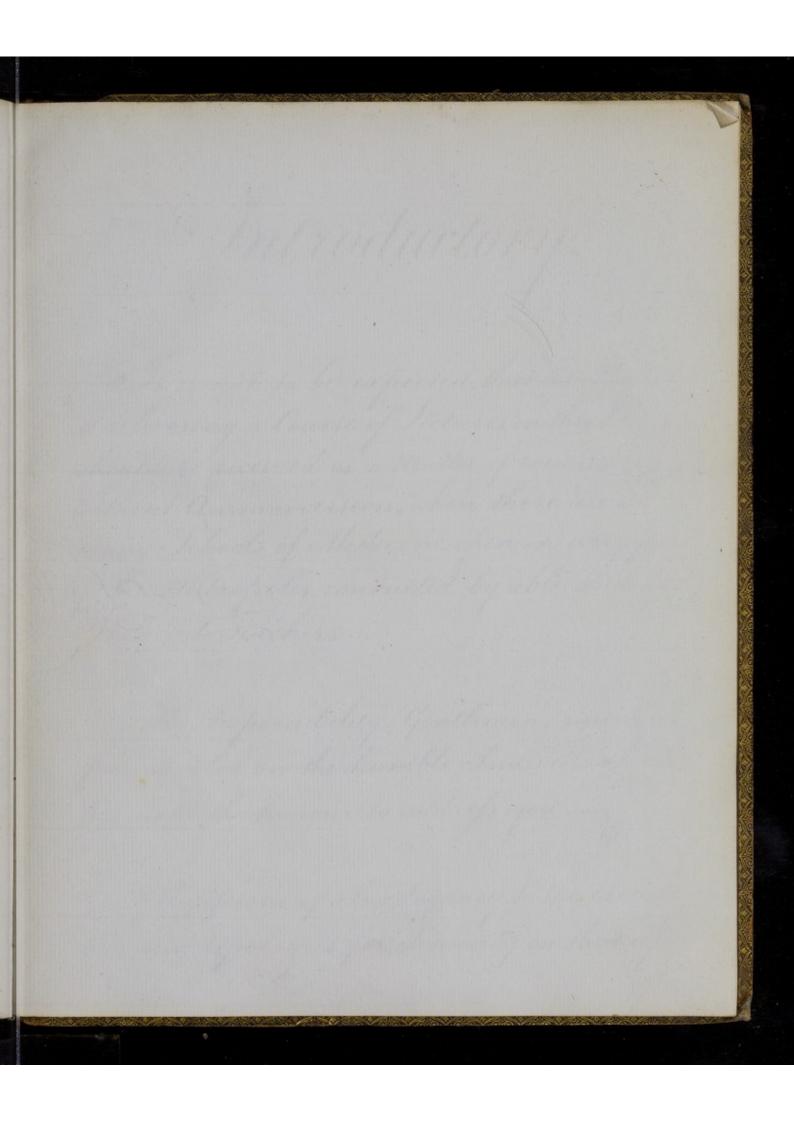


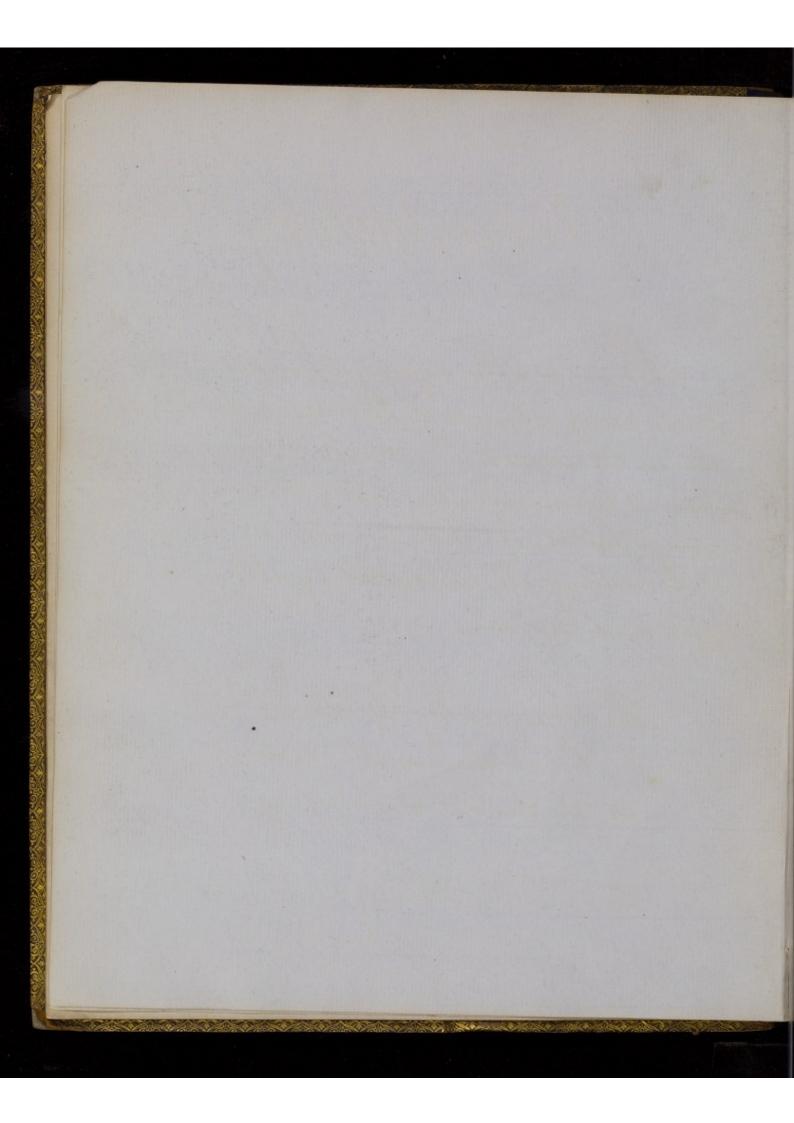


田 48 From D. Forbes. to his friend . In James M' Gpigor, By whose kind duggestions these Lectures were undertaken, and by whose Patronage they have been since Supported. R.A.M.C MUNIMENT ROOM

Introductory Lecture Practice of Physic. Delivered January 20th 1819. 13y Charles Forgufson Forbes. M.D. Deputy Inspector of Hospitals. These Sectures are open for the Benefit of the Medical Officers of the Navy and Miny, who are admitted to attend them on presenting a Lecommendation from the Head of their Respective Departments.

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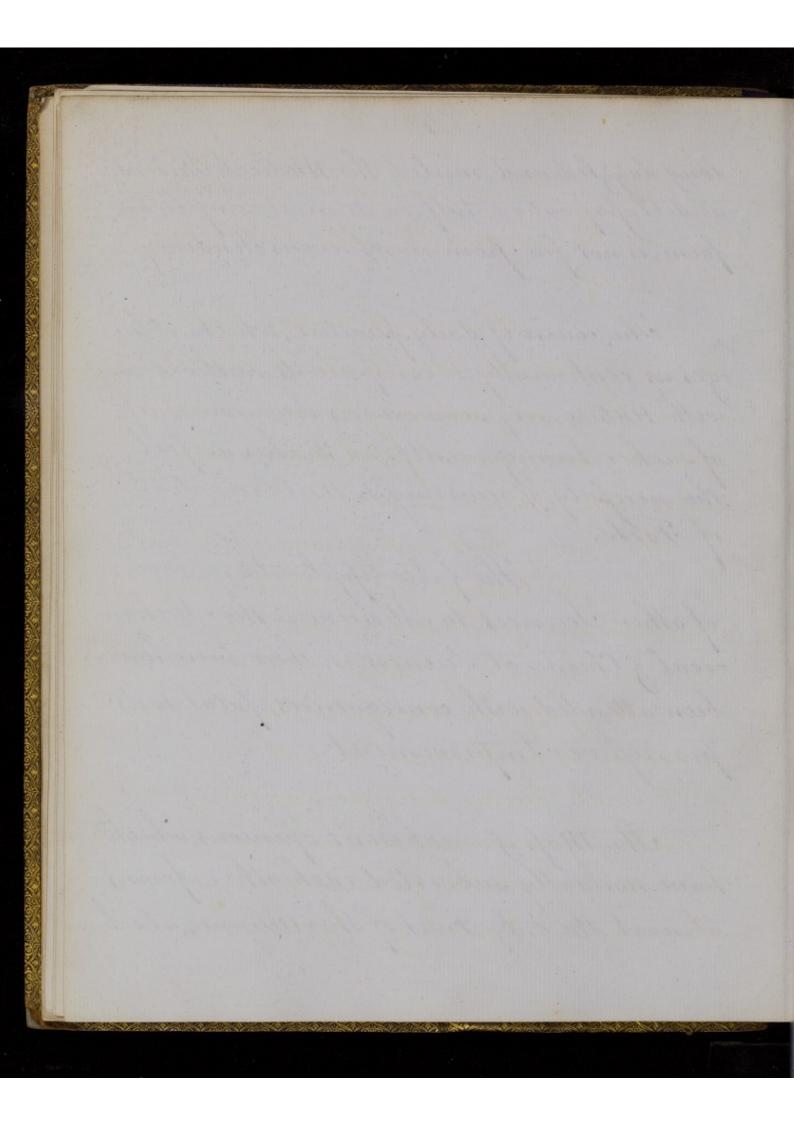
Introductory. It is not to be expected, that the Project of delivering a Course of Sectures in this Place, should be received as a Matter of course, or page without animadversion, when there are so o many Ichools of Medicine open in every part of the Metropolis, conducted by able and ex--perienced Jeachers . The Tesponsibility, Gentlemen, must, I Jear, devolve on the humble Individual, who has now the honour to address you . -Professions of Inadequacy to the executi-- - on, and apologies for Temerity in thus ap-

Juitroland . It is not so be acforched that the Figures 187 at determined a longer of hillings on their as

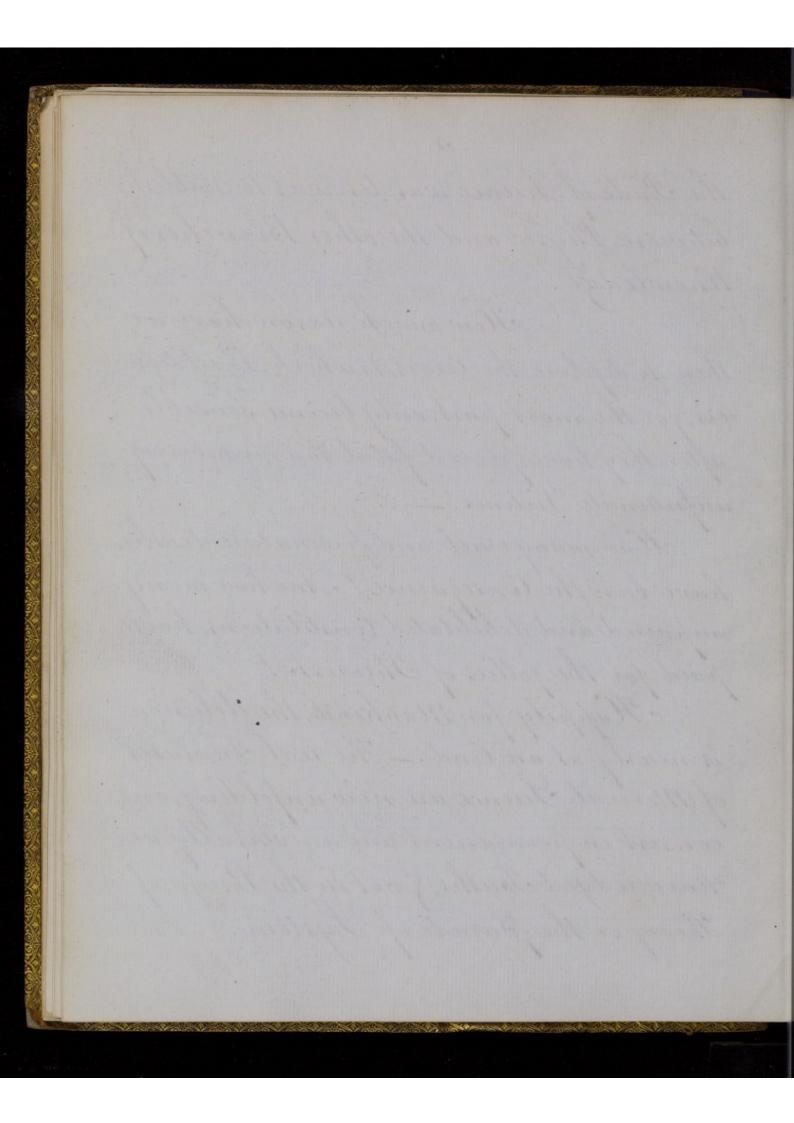
- pearing before you, would ill requite you for the time occupied with such matter. I came here, partly, at the Suggestion of some (perhaps 100 zealous) Friends, and partly, from my own determination; and I will execute the Jask Thave undertaken to perform, to the best of my ability. your indulgence, these-- fore, shall only be claimed, for allowing me to make a rapid Transition from this part of my Subject to another, in which Thope tosis make it appear, that the Plan of these Lectures is supported by pretensions, far more solid than can be derived from anything personal .___ Previously to entering however on this n part of the Subject, it will be most consistent with our plan, to say Something of Medical Study in general. The Tomp of System has

permany before give woole It reacher with to work a subject species prove this a species periors so brougher much manip ag was and any provide some forme of a state of Made an william and . " 1 1

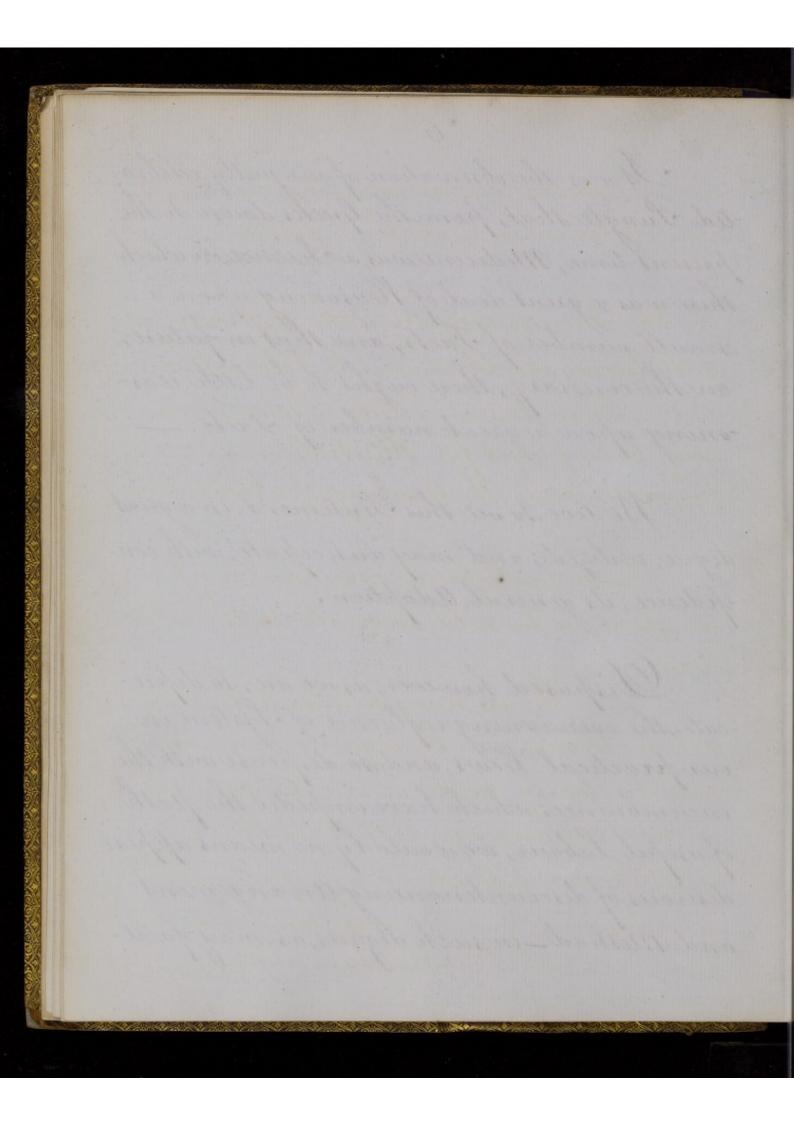
long dazzled and misled the Medical Student, and Clafsefication itself, in its most simple m form, is not free from mischievous Tendency. The course of daily practice, which obli--ges us continually to compare its methods in with Nature, very soon evences the incorrectness of such Arrangement, and makes us feel the necessity of recurring to the Observation of Facts. The false application, 100, of other Sciences to Medicine - the Mechan-- ical & Chemical Sciences, in their him, have been attended with consequences, fatal to its progressive Improvement. The Mafs of incoherent opinions, which have mutually subverted each other, forms almost the only Fruit of this alliance, which



the Pride of Science was desirous to establish, between Physic and the other Branches of Knowledge. How much reason have we then to deplose the Errors, to which, Practitioners, for the most part, only become senseble after they have proved fatal to a number of unfortunate Tictims. _ How many cruel, and premature deaths, have been the Consequence ! And how many impaired and debilitated Constitutions, have paid for the follies of Theorists! Happely for Mankind, the delusion is nearly at an End. - The real Treasures of Medical Jaence are now unfolding, and consist in permanent and universally ac-- Knowledged Truths, & not in the Pomp of Theory or the parade of System.



It was the observation of our justly celebra--ted Pungle that, from the Greeks down to the present time, Medicine was a Science, in which there was a great deal of Reasoning upon an small number of Facts, and that in future, on the contrary, these ought to be little reas--oning upon a great number of Facts. Ne live to see this Sentement, in a great degree, realized; and may anticipate, with con--fedence, its general adoption. Disposed however, as we are, to depre--cate the overweening influence of System in our practical Views, and so dispense with the incumbrances which have impeded the path of useful Labour, we would by no means appear desirous of discountenancing airangement and Method _ in such degrees, as may facel-

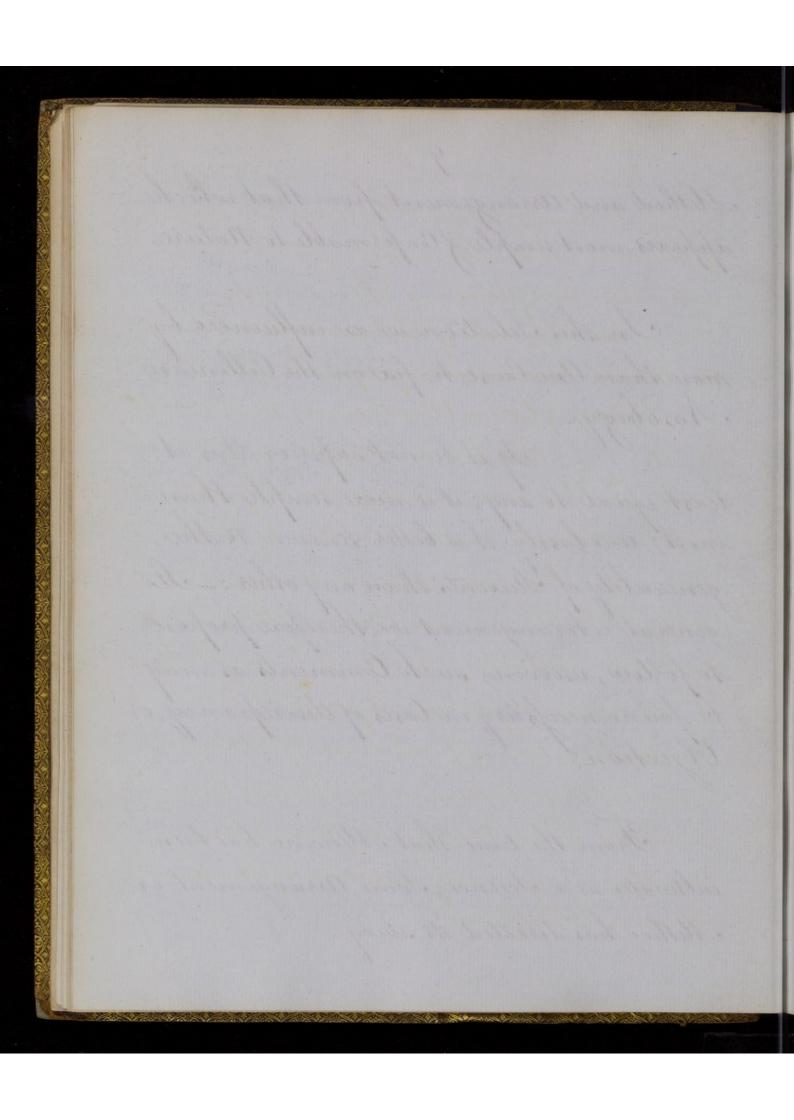


- state our Study, without imposing on the Stu--dent irrelevant or gratuitour matter. The Sciences acceptory to the Improvement of Medicine, should always be held subseri--ent. _ Their Laws and their Phenomenan may be employed for Hlustration; - Never, however strong the analogy, for Conclusion. Fach, multiplied, varies, and compared, are, alone, to be held adequate to this Pur--pose. We are ready to admit that no art or Science can be acquired, since none can be clearly treater of, or communicated, without arrangement; but in the Science of Medicine, hither to so imperfectly defined, so uncertain, & so variable, too much lau-

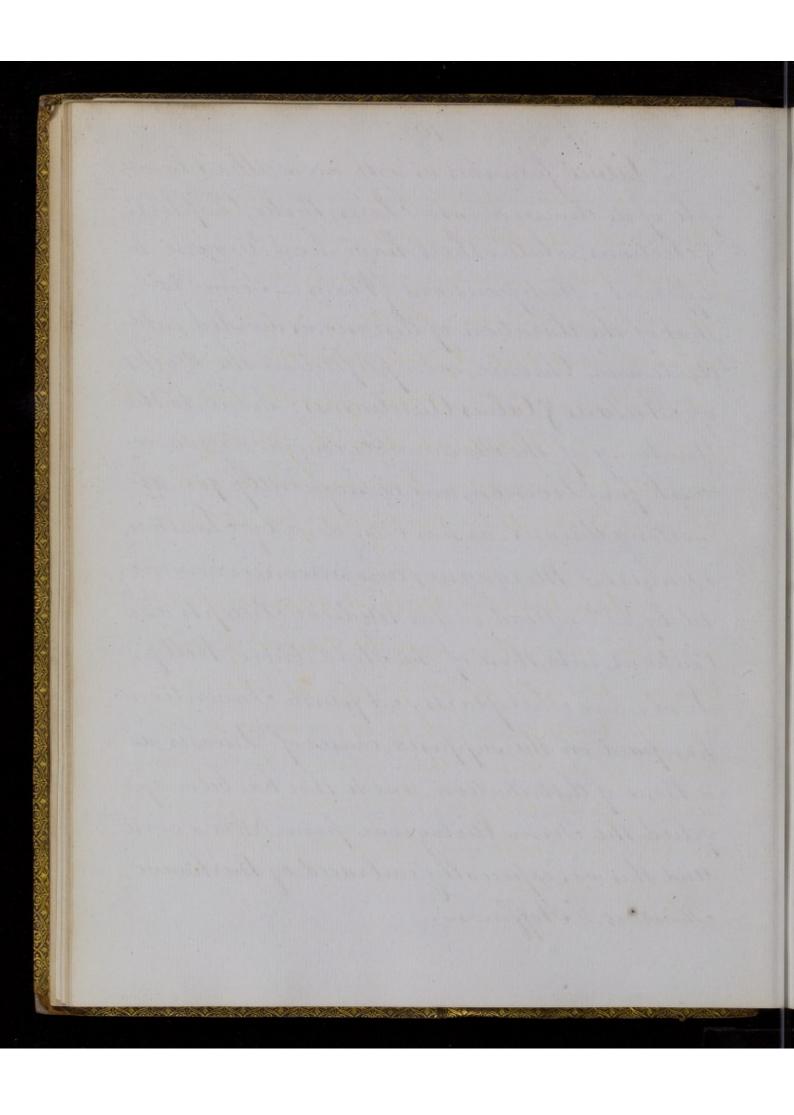
-two cannot be exercised, in entering any die--nue that leads to avouved System. Whether we look to the different works of the most able Nosologists, or to the daring System which for twenty years has pervaded Europe under the Mame of Brunomian, We encounter perplexity on the one hand, and mad and fallacious Theories on the other ._ Hence it is scarcely necessary to observe, how difficult it becomes to renier a Course of Lectures of this kind, conformable to any prevailing Doctrines, without compromising the Cause of Juth and genuine Information Our Plan will therefore be, to avail ourselves of whatever may be found useful in all, borrowing, at the same time, our m

Case Man will therefore to farmer

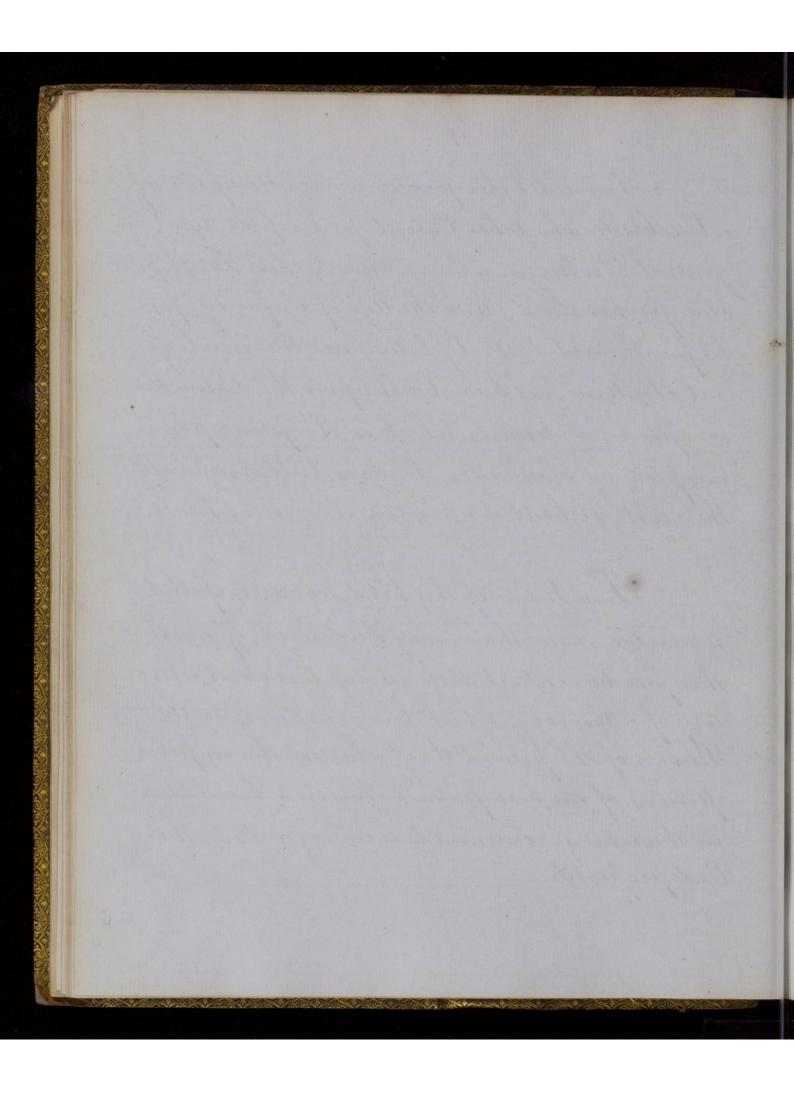
Method and arrangement from that which appears most simple, & Conformable to Nature. In this Selection, we are influences, by more than One Cause, to fix on the Cullenian Norobogy. If it be not superior, it is at least equal to any; it is more simple than most; ano lastly, it is better known to the generality of Auvents than any other : - Its general Arrangement we therefore propose to follow, reserving such Comments as may be found necessary in Cases of discrepancy, or Objection? From the time that Midicine has been cultivates as a Science, Some arrangement or Method has derected its study.



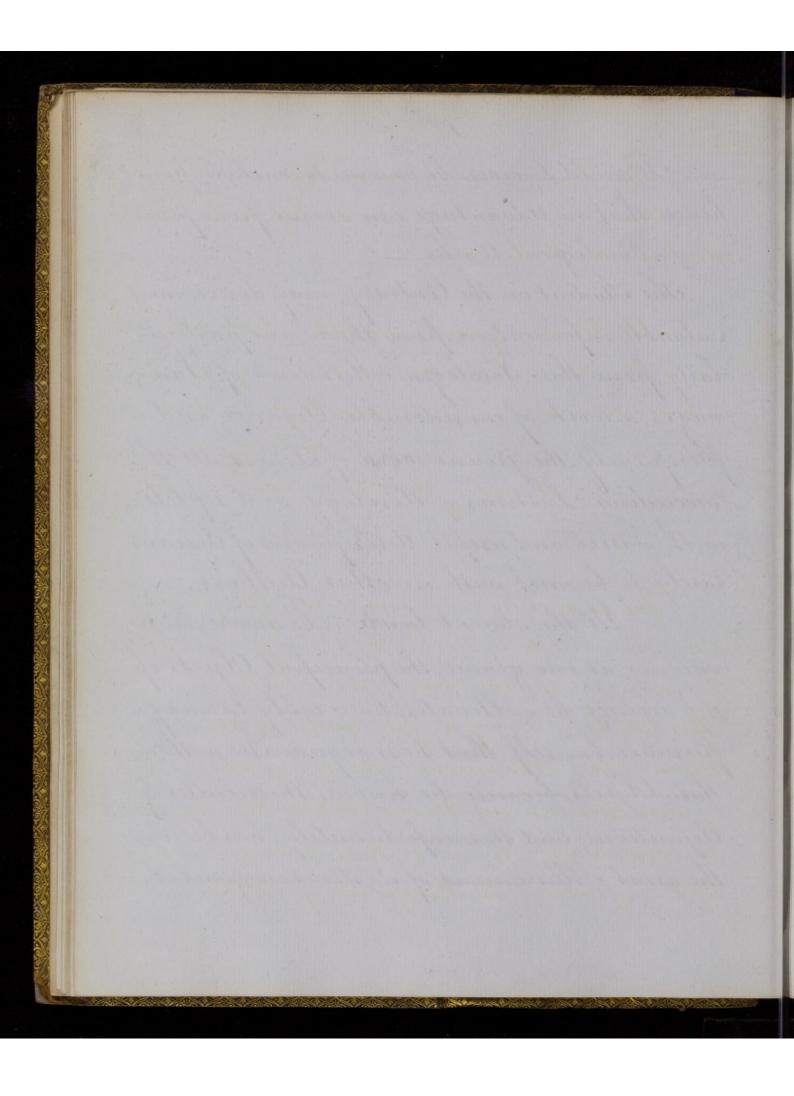
Celsus furnishes as with an accellent beam -ple of its division into Parts, Books, Chapters, " Sections, while others have had recourse to different Modifications & Plans : - Some, to m that of the duration of diseases, as divided into Acute and Chronic, exemplified in the Works of Aretaus & Calius Aurelianus; Some, to the Anatomy of the Auman Frame as a ground--work for Division, and consequently for as--sorting diseases, as has been done by Jonston, Jennert, Morgagne; and since recomment--ed by De Mead in his Medical Precepts and Cautions, into those of the Head, Chest, Belly, Timbs, and other parts. A fourth Invention has fixed on the supposed causes of Diseases as a Basis of distribution, and to this has been ap--plied the Serm Etcological from Allia a cause and this was especially embraced by Boerhaave, Riverius, & Noffman .



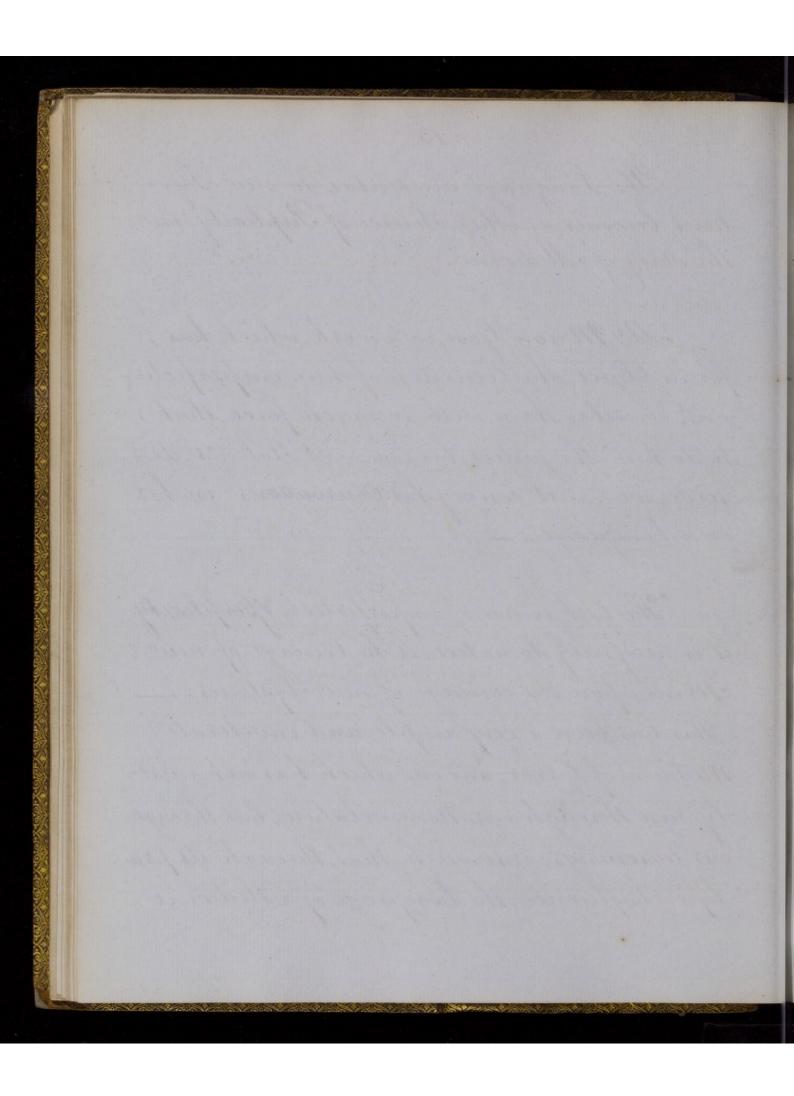
I mixed Modification was attempted by Macbride who takes Extent for his first two general Divisions, as being universal or local; Sea, for his third; and the age of Infancy, for his fourth and last. Of late years, the nosologi-- cal Instern has been built upon the distinctive symptoms of diseases, which is the principle n adopted by Sauvages, Sinneus, Cullen, and all the most celebrated . Nosologists of recent times. In a Lecture of this kind, we are compelled to abidge more than may be desired, & must therefore be content with giving this short His--tory of Nosology, which brings us down to the Schools of the present day, wherein the imper -- Jections of the best framed Tystems, have been, in their Jurn, condemned, as inacequate to the Ond proposed . -



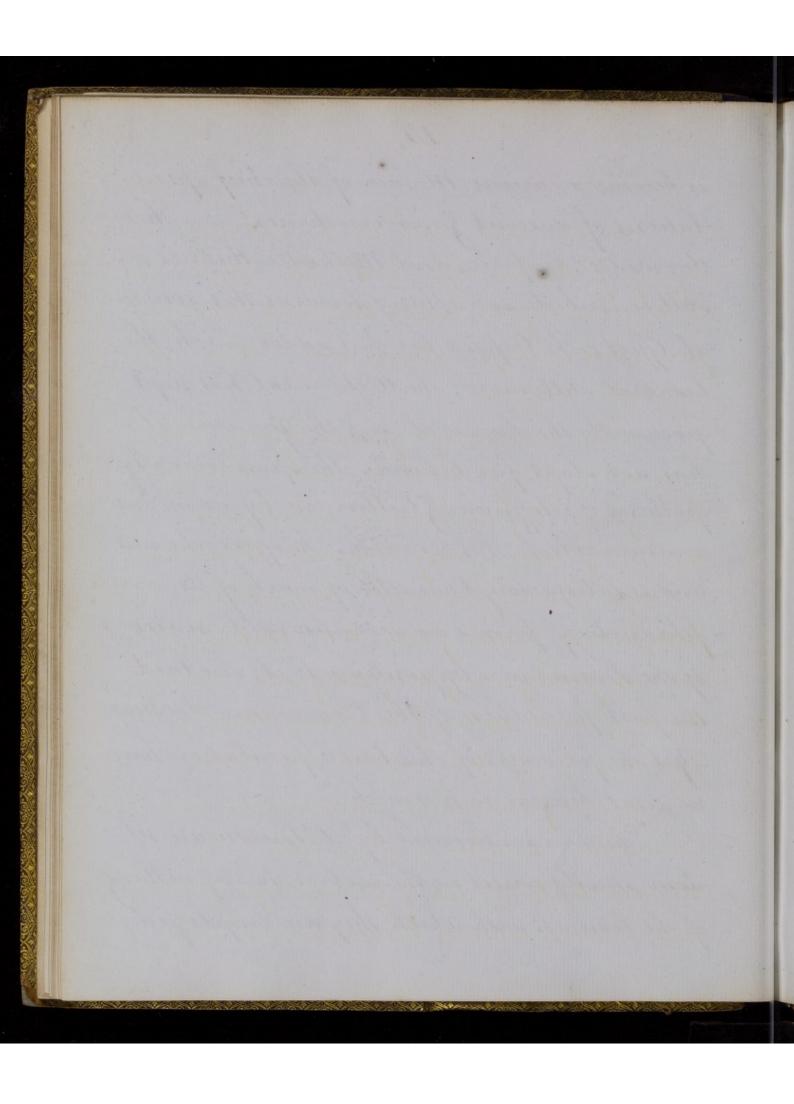
It would however be unwise to conclude from hence that no advantage can accrue from peru--sing Nosological Works ._ The Atudent, on the Contrary, may derive most valuable information from them, and particu--larly from the Nosologia Methodica of Tau--vages, a work of considerable Elegance and n perspiciety, the ground work of almost all the succeeding Tystems of Norology, and replete with varied and useful descriptions of diseases rarely to be met with in other authors. . Let the student however be aware, in re--viewing at one glance, the principal Objects of the science he cultivates, how easily he may persuace himself that he is acquaintee with a these Objects, because he knows their Littles & deputions; and this, unfortunately, has been n the great Allurement of Systems in general .-



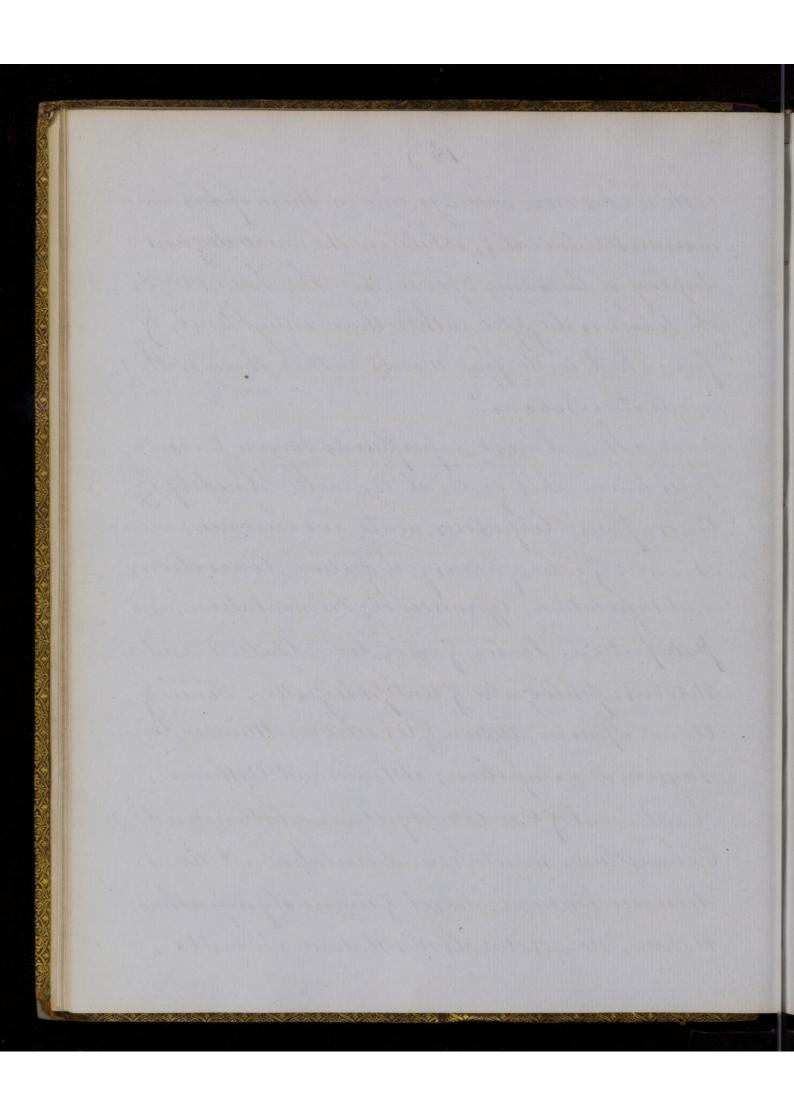
The Language incidental to new daystems becomes another Source of Seplexity in the study of Medicine. Mr. Mason Good, in a work which has , for its Object, the Correction of these imperfecte--ons, describes them with so much force that to de him the justice his eminent Salints de--serve, we must convey his Observations in his own language : -The last source of imperfection Sperplearly. it is necessary to notice, is the Comage of new Jerms upon the comage of new Systems . -This has been a very ample and inveterate Medium of Error, and one which has not mere-- ly run through our Momenclature, but through our leasonings; insomuch, that, through its pro--life Influence, the language of Medicine



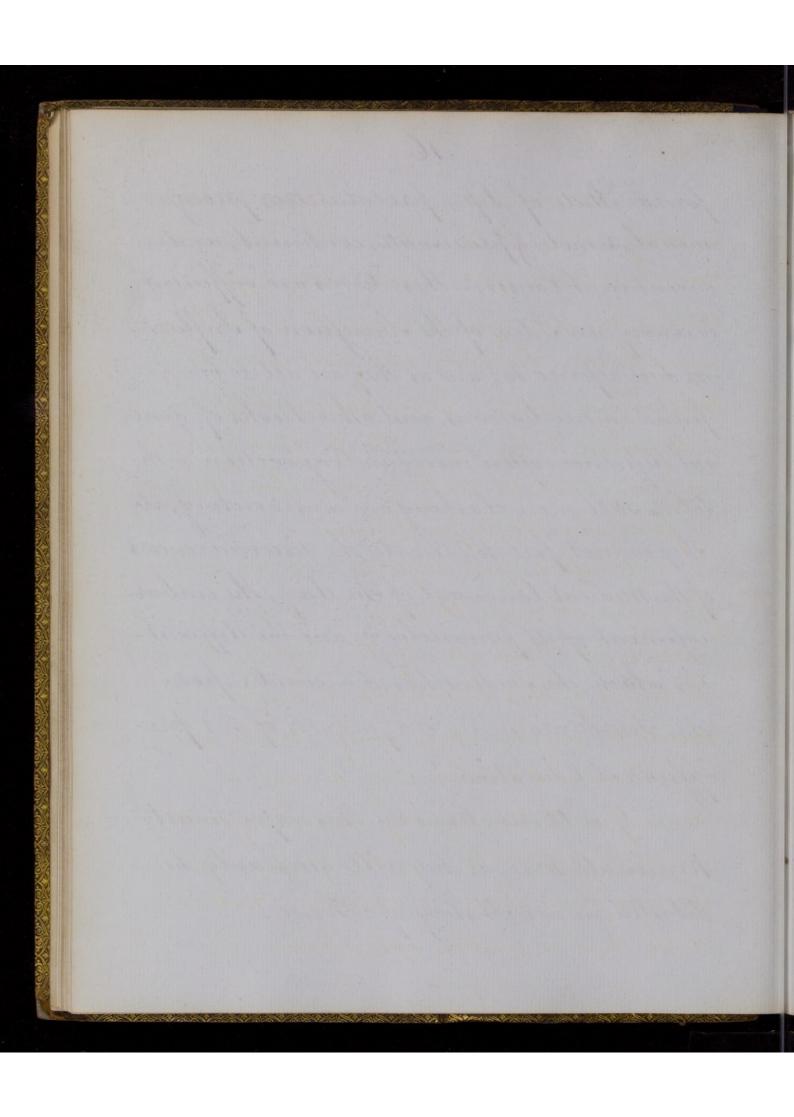
14 is become a curious Mosaic of the chief speci--lations of ancient & modern himes. _ The dogmatic, Empiric, and Methodic theories pr still contribute something towards this gener--al Effect; the Corpuscular has added much, the humoral, still more; the alchemical has kept pace with the humoral, and the geometrical . has not stopt far behind. The spasmovic Ay--pothesis of Norman & Cullen are by no means unamenable to this remark. In effect, he new and unsatisfactory Character of much of its m Johraseology formed no inconsiderable source of the Bunneman Opposition to it, and laid the first foundation of the Brunoman Dochine. - yes the followers of this last Speculation have no great Reason to trumph." The terms introduced by D'Frown are sel--dom shiely correct in themselves, to say nothing of the loosenchs with which they are employed,



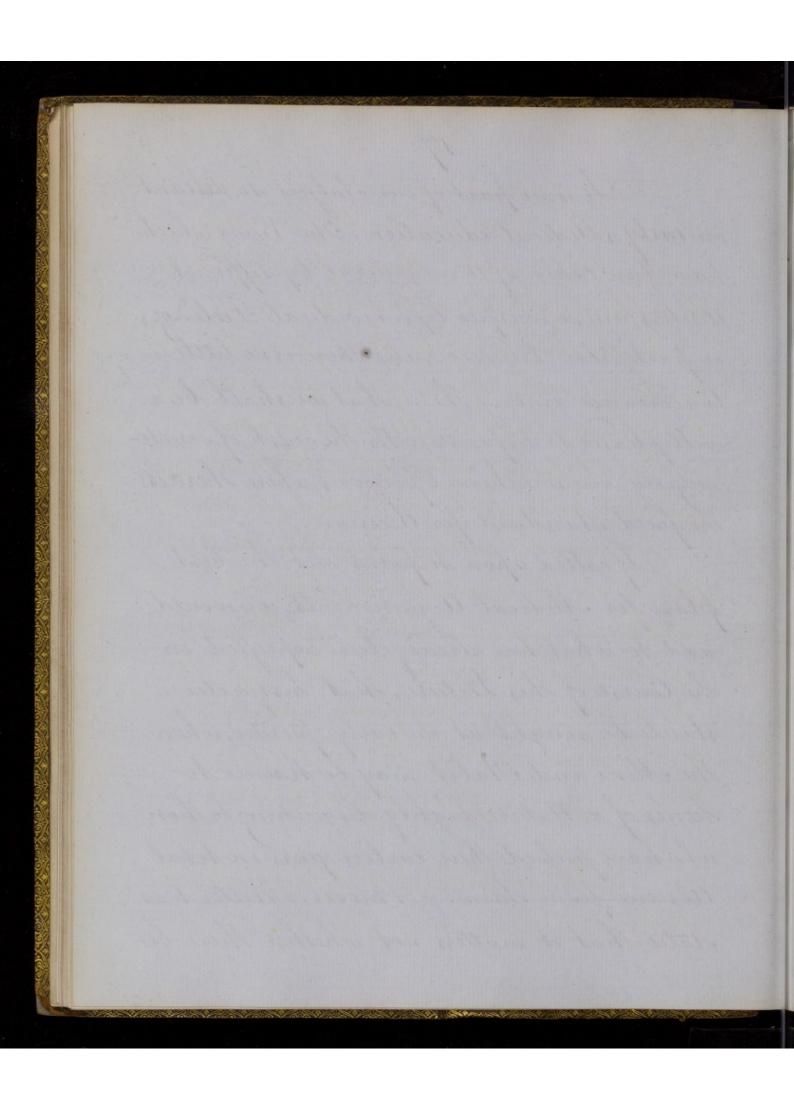
13) both in his own writings, and in those of his in warmest advocates; while in the more elegant display of the same Opinions in the Loonomia, the Teaver is dazzlee rather than enlightener, & furnished with fine words rather than with accurate Notions." It is almost superfluous to give Gaam --ples uneer this general Temark : - Crudity of Cusis; pores Horpuscles, acute and chronic; m Aumour & Ideosyncrasy; degestion, Concoction, and defsolution; Effervescence, Fermentation, and putrefaction; Lentor & error love; Choleric and Mervous; phlogistic & antiphlogistic; Tonic & Clonic Spasm; action & Condition; Miasm, Con-Aageon, and Infection; Sthenic and asthenic ; Excitiment & Excitability, accumulation and Exhaustion; Sensitive and irritative Motions; decreased Volitions; direct greverse Sympathies; Nature, non-naturals Vis Natura Vis insita,



forced State of Life; procataretic; proequmenal, unote Sproximate, continent, and n incontinent Causes; - these terms are sufficient to convey an I dea of the Succession of Influen--ces here referred to; and as they are all to be m found in our leacons, and other Books of general reference, often indeed in Conjunction with terms still more clashing and contravictory, m they cannot fail to indicate the discordia concors of the Medical language of the day, the embarrafiment of its phraseology, and the difficul--ties which she student has to encounter from n this Jource alone, in the progress of his pro--fefsional Education ." Our Observations on this Topic must terminate here, as they will necessarily be detailed in our History of Physic.



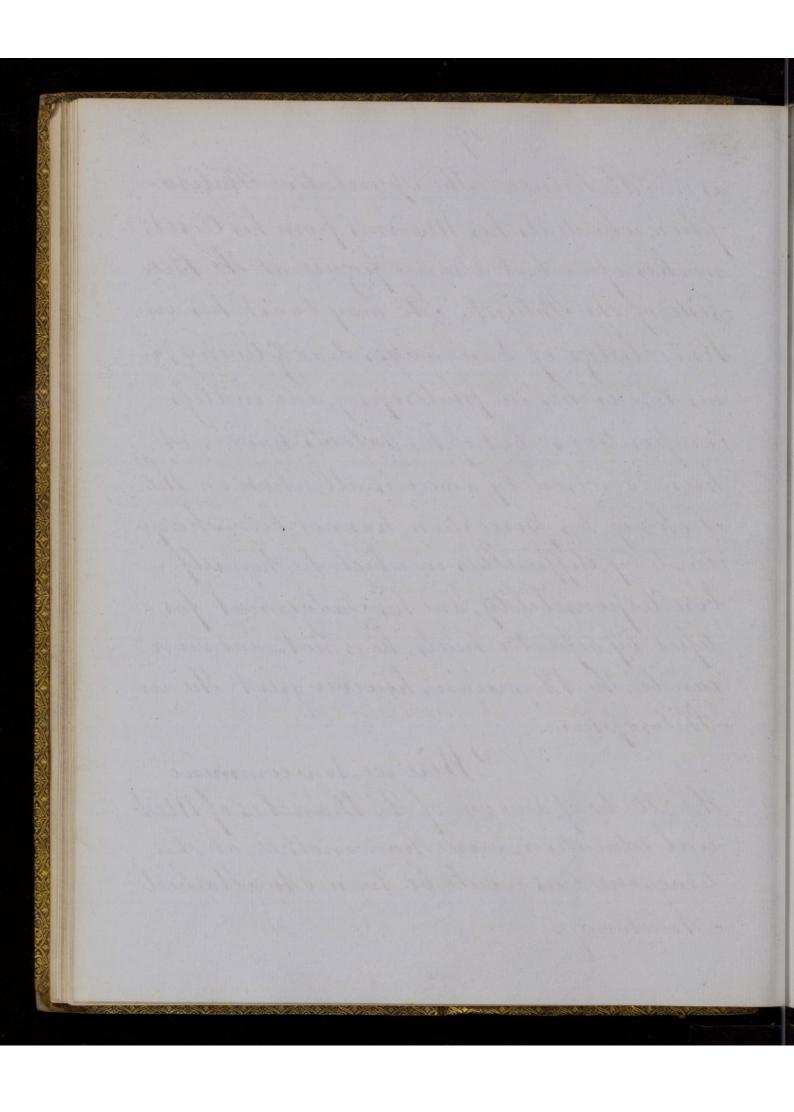
It is no part of our Subject to descant on early Medical education. The Viewy which have been taken of it in general by different Writers, are so warped by ineividual Feeling, or particular Prejuvice, and there is so little n Concordance among them, that we shall be n well-pleased to dispense with the Jask of scrute--mizing, and weighing Opinions where there is no fixed standard for decision. If called upon to point out the best plan for Medical acquirements, we would add to what has already been expressed in the Course of this Lecture, that Instruction should be sought at an early period, when the Mine and Habit may be trained to Scenes of a Nature highly disgusting to those who have passed their earlier years in total absence from them. Amovern Writer has states that it matters not whether there be



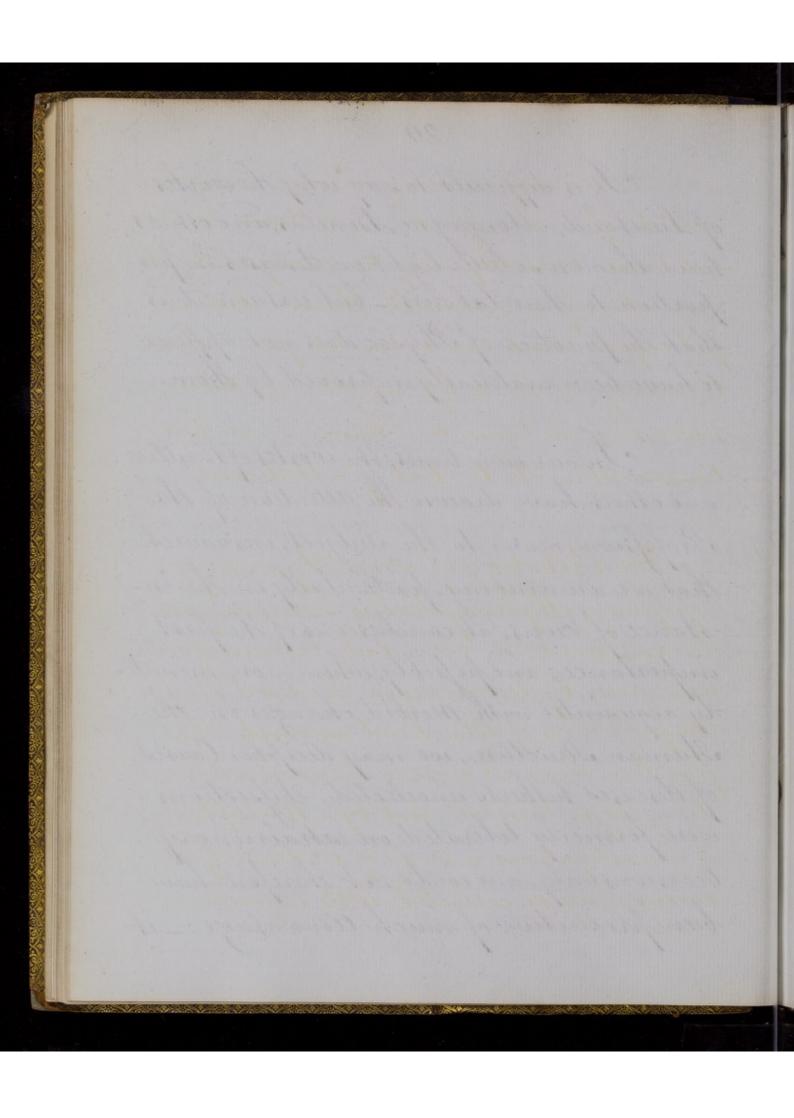
anything appertaining to Physic, in an Uni--versity where a Man, intended for Medicine, is educated, or not: - there is plenty of time, he adds, for physic afterwards. This author seems to have forgotten the ars longa vita brevis of our great Master. Our opinion is that after or even during a proper dassical Education, the Student cannot too early be unmersed in those Scenes, and be employed in those dutils, mi which are to constitute his future Walk in Life: - Nay, we would go farther, and m afsert, that unless he be a participater in the agency of his Profession, and in all its details, from an early Period, he will never be a reacy and efficient practitioner. In no Calling in life, are the ac --tive qualities of so much Importance

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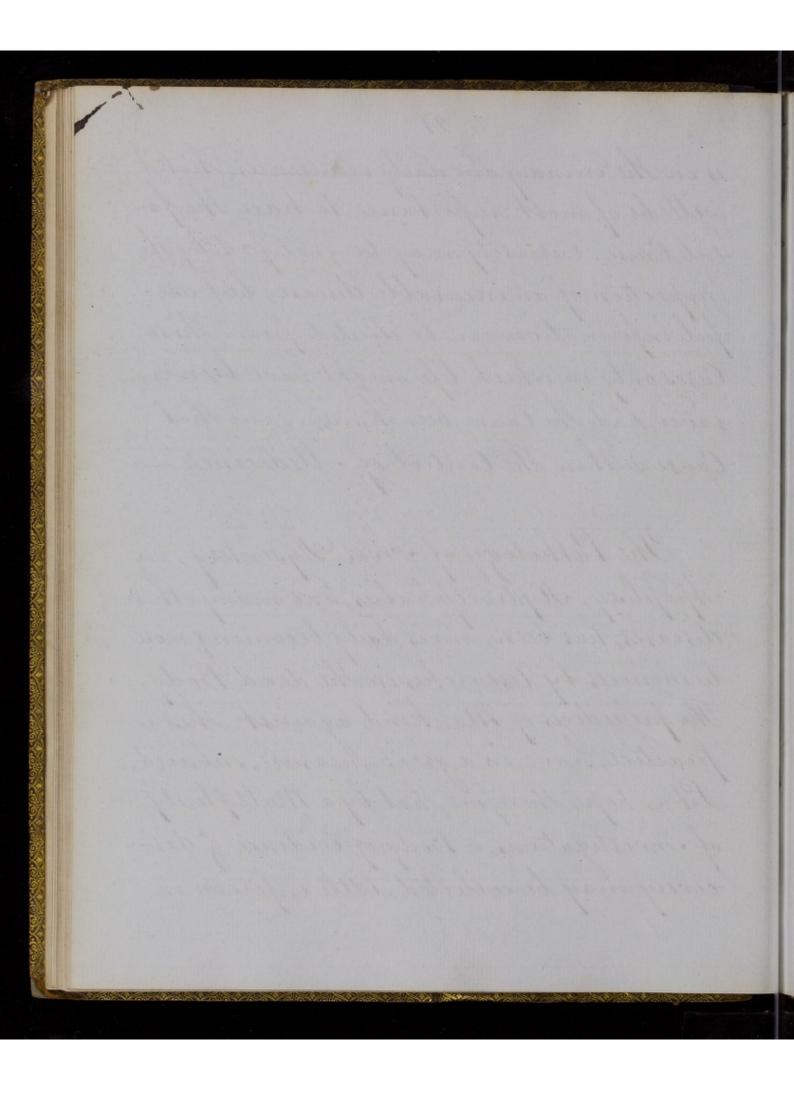
as in Medicine . - The Speculative Philoso-- fiher, who deals his Maxims from his Closet, makes often but a soury figure at the Bed. -side of the Patient. He may boast his m Knowledge of Languages dead gliving, n his researches in philosophy, and endless Compositions; but if his falents have not been exercised by anxious attention on the Sick; if his perception has not been sharp. -ened by difficulties in which he himself m bore responsibility, and his Judgement for --tifier by repeated mals, he is not - and never can be; the Physician, however great the m Thelosopher. Were we to recommend the Fudy of any one of the Branches of Med-- wal education, more than another, at this time, our eyes would be surned to-Morbed Anatomy.



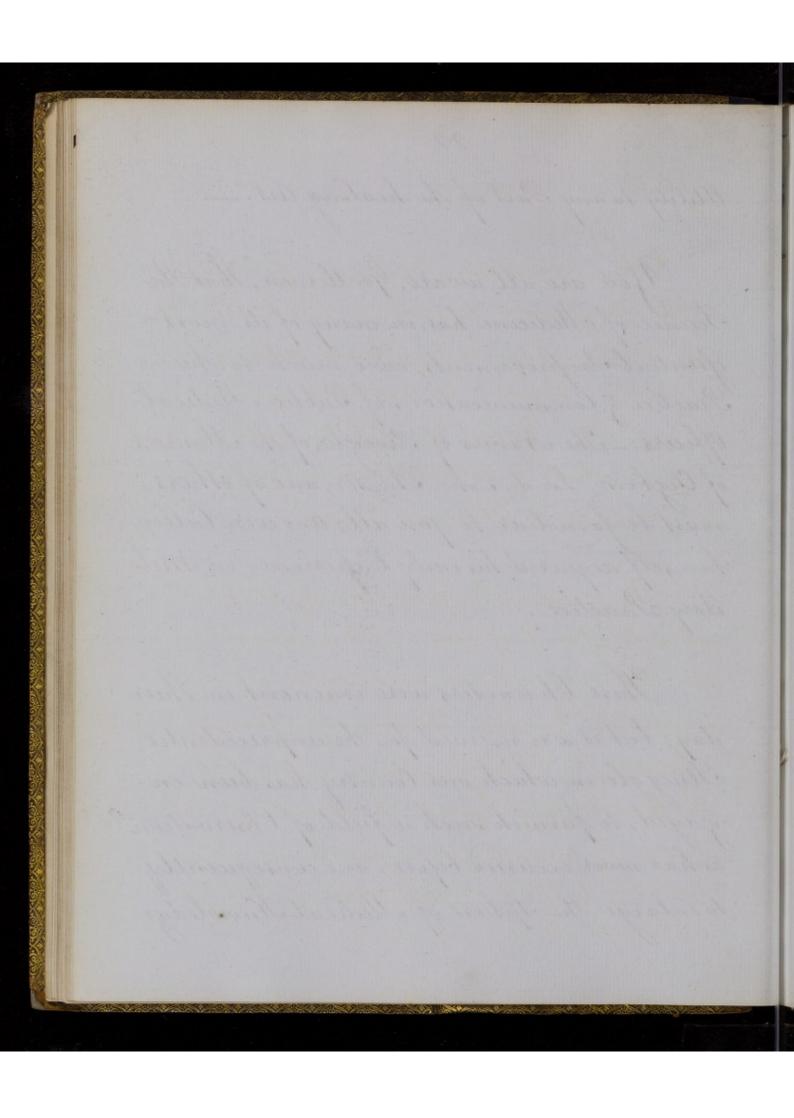
It is difficult to say why the works of Suntand, Morgagne, Bonetus, and others, have thrown so little light on diseases in pro--portion to their labours; - but certain it is that the practice of Physic does not appear to have been materially improved by them. In our own times, the works of Baillie and others have drawn the attention of the Profession nearer to the Subject, insomuch that we are arriving, particularly in the in--stance of Fevers, at conclusions of the first importance; and possebly, when more minuteby acquainter with Morbed changes in the Auman Structure, we may decipher Causes of diseases hither to undetected. Difsections were formerly tolerated on extraorounary Occasions only, and could not therefore have been productive of much advansage :- it



is in the ordinary and daily occurrences, that it well be of most importance to have the fatal Cause. Cureosity may be gratified by the inspection of an incurable disease; but useful information can be elicited from these Cases only in which life might have been m saved, had the Cause been known, and that Cause within the Control of Medicine. ~ The Tathology of Fever, Dysentery, in Apoplery, Hydrocephalus, and many other diseases, has been, and is daily becoming more turninous by lesearches in the dead Body. The prejudices of Mankind against this is practice, have, in a great measure, subsided. Let us hope therefore that by a Multiplicity of Investigations, a Body of Evidence & dis--covery may be collected, little inferior in



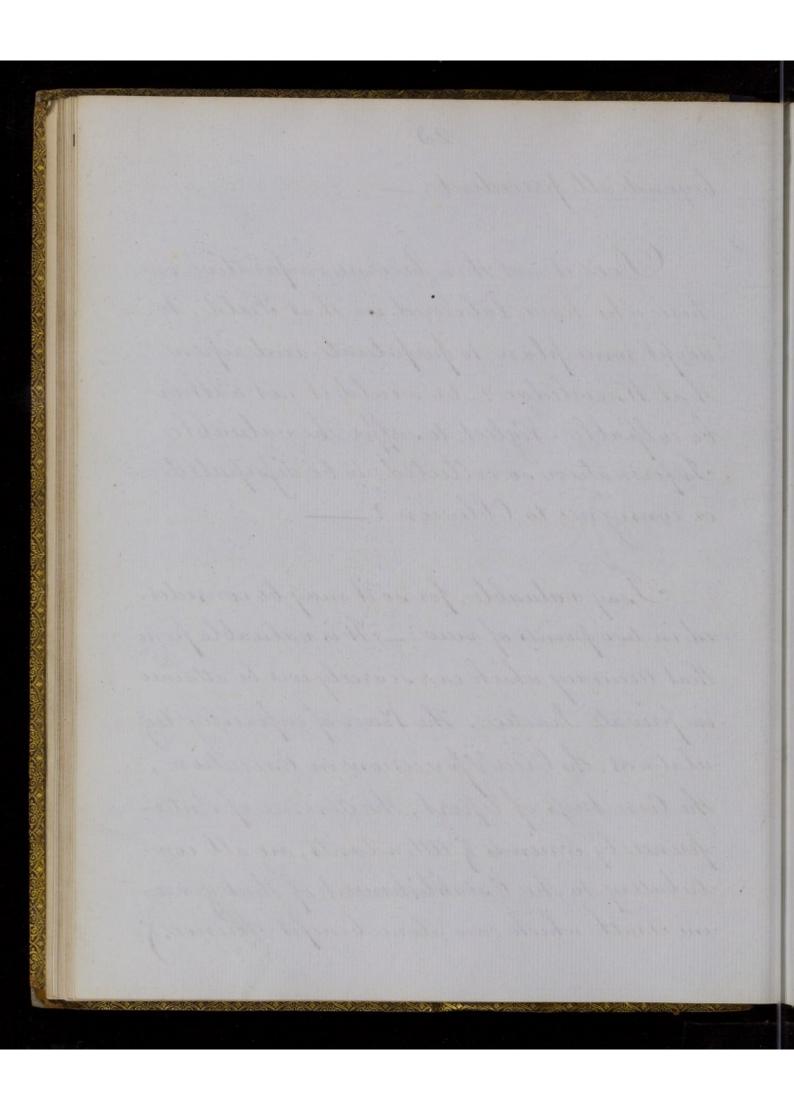
Utility to any Part of the healing art. You are all aware, Gentlemen, that the Icunce of Medicine has, in many of its most efsential Improvements, owed much to the m Practice & Communications of Public Medical Officers : - The Names of Pringle, of the Munroes, of aghorn, Lind, John Junter, and of others, must be familiar to you all; and even litten himself acquired his early Experience in Mil-Mary Practice. These Characters were eminent in their day; but it was reserved for the unprecedented Struggle in which our Country has been en--gaged, to gurnish such a field of Observation as had never occurred before, and consequently to enlarge the Sphere of Medical Knowledge



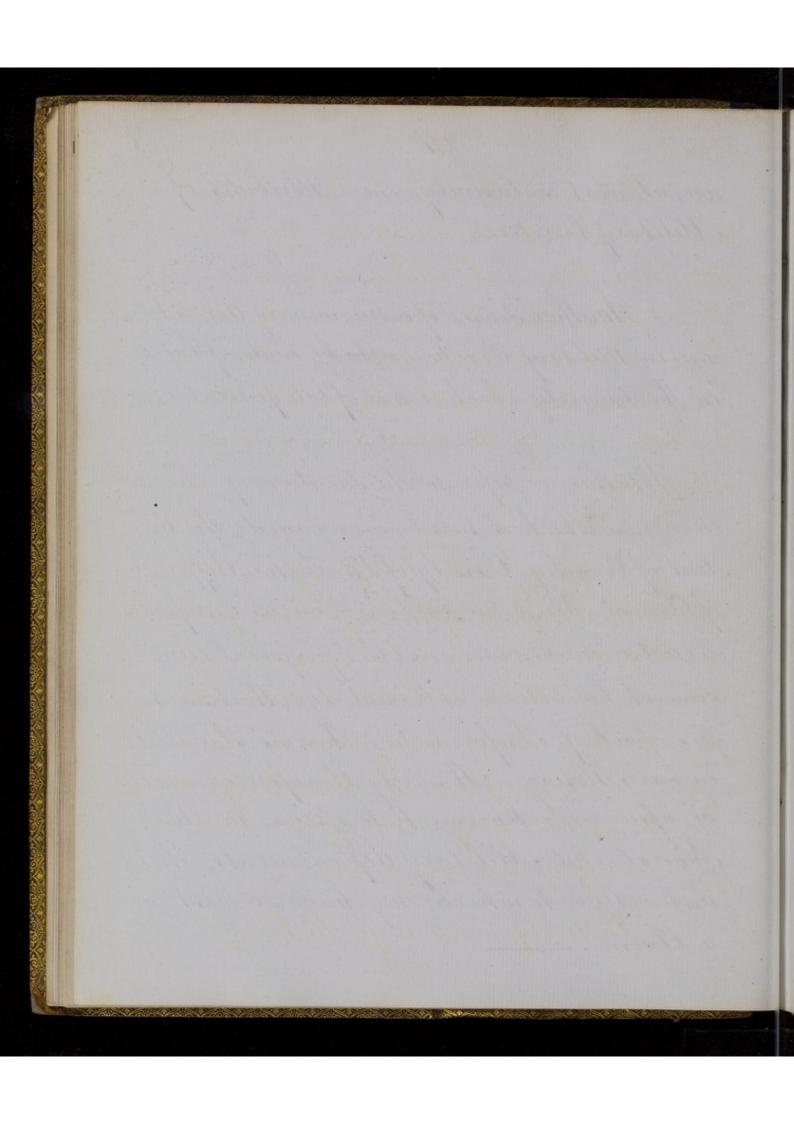
beyond all precedent. Does it not then become imperative on Those who have laboured in that Field, to adopt some plan to perpetuate and repen that Knowledge ? - Or would it not rather be culpable . Veglect, to suffer the valuable Information so collected, to be difsipated or consignee to Oblivion ? -I say valuable, for so it may be considered in two points of view : _ It is valuable from that accuracy which can scarcely ever be attained in prevate Practice. The Yower of enforcing legulations, the Order & precision in Baccution, the Correctness of Teport, the absence of Inter-

-ference by Friends & attendants, are all contributory to the Establishment of that genuine Truth which can alone benefit Science, &

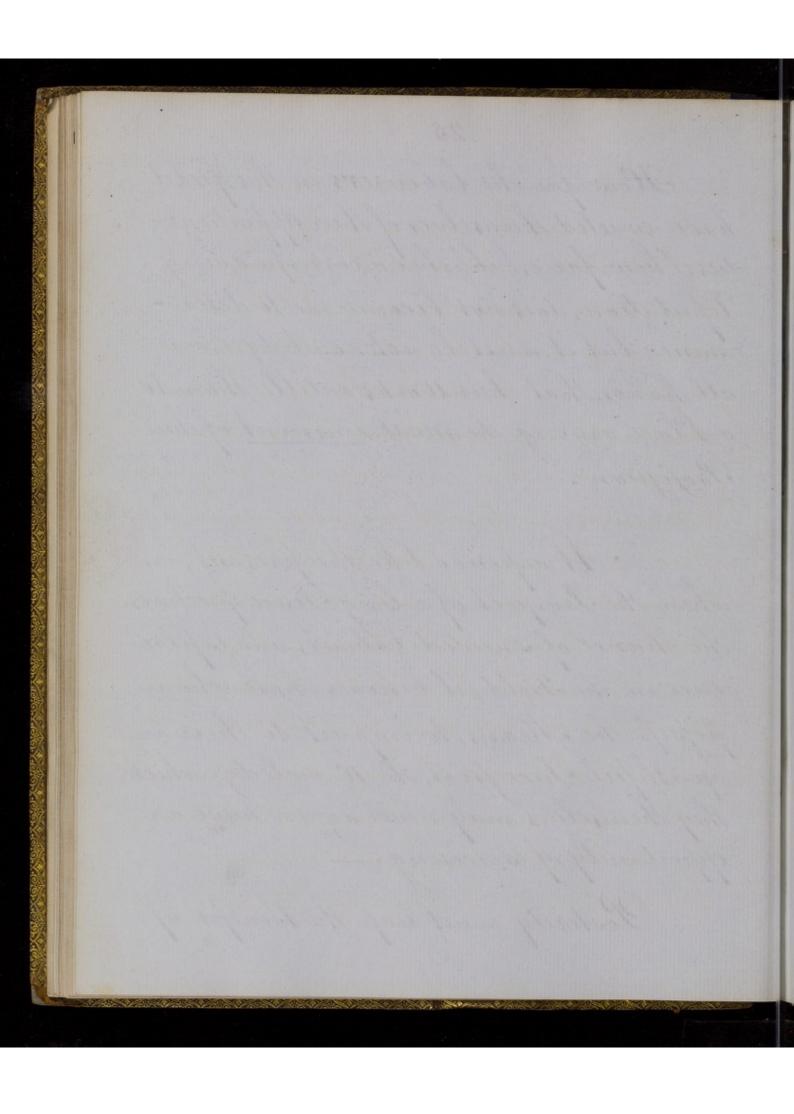
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are, almost exclusively, the Attributis of m Military Practice. . Another Source of estraordinary advant age in Military Practice, is to be contimplated in the diversity which it has of late presenter ._ Whether we refer to the duration of the m Scenes in which it has been ingaged, the Extent of Country, Variety of Character, difference of Climate, Ticipatudes of Condition, and unfire--coenter Frial's both moral & prhysical, we cannot heretate to acknowledge that such a School of Information has no Parallel in our History . It surely therefore cannot be afsuming too much, to alsign to the Naval and Military departments, the distinction to which they have so just a a llaim



How far the labourers in this field have availed themselves of their Opportune tues, Thow far established a corresponding Teputation, does not become me to delle mine; but it must be acknowledged, on all hands, that heir Works entitle them to a Place among the most eminint of their Projession. At a period like the present, an when the Prospect of a long Seace precluses the chance of renewed labours and experi--ence in the Field, it behoves hose who m popsels the Means, to impart to their m youthful Juccessors, the Knowledge which they themselves may never again have an opportunity of evercising. Posterity must reap the Benefit of



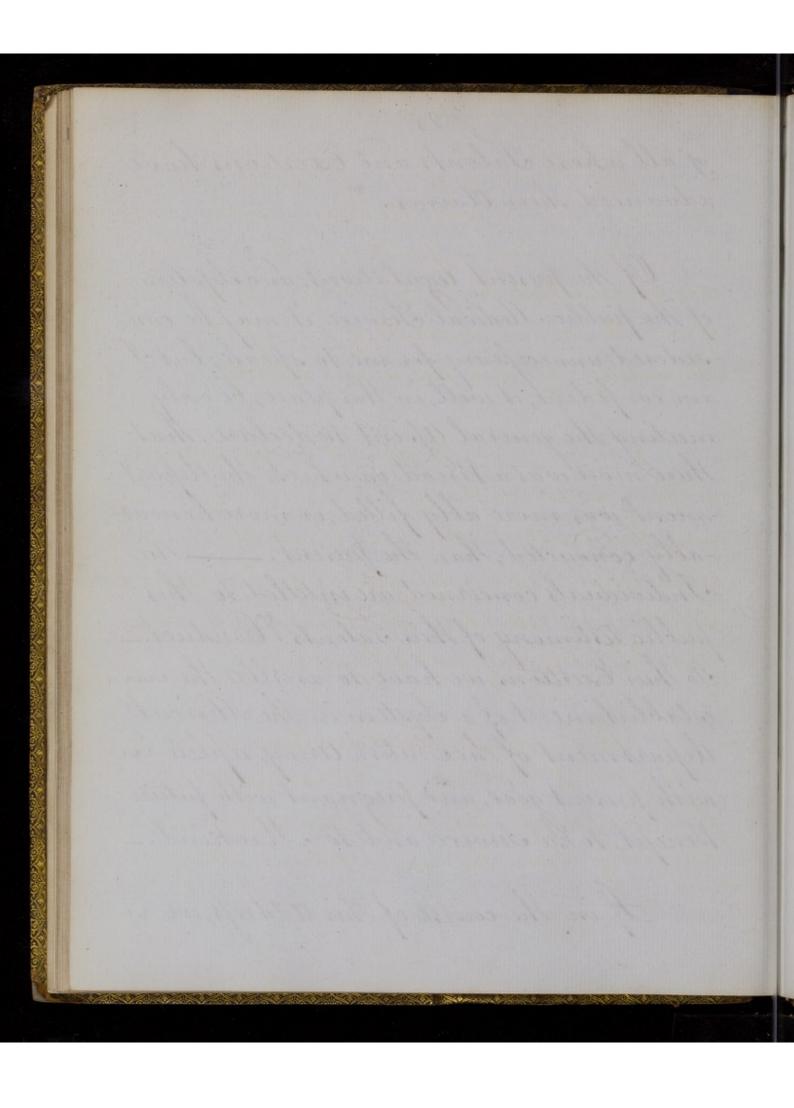
such a proceeding . - The material's now, collected ought to form a System of Med-- ucal Education which, while it qualifies the Student for practice in civil life, shall extend to him all the Information requisite for public Service, and enable him, when Inclination or opportunity bring him n forware, to enter on his duty with adequate Pretensions. _ If such advantages be of--fered to the junior part of the Trofession by our plan, their Seneors will not be m without their Gratification : - They will have the satisfaction to know that their Labours have not been fruitless, and will enjoy the Measure of seeing that Spirit of Onquery and ardent pursuit, by which they were themselves distinguish's, continued in their Successors for the Benefit of Mankind.

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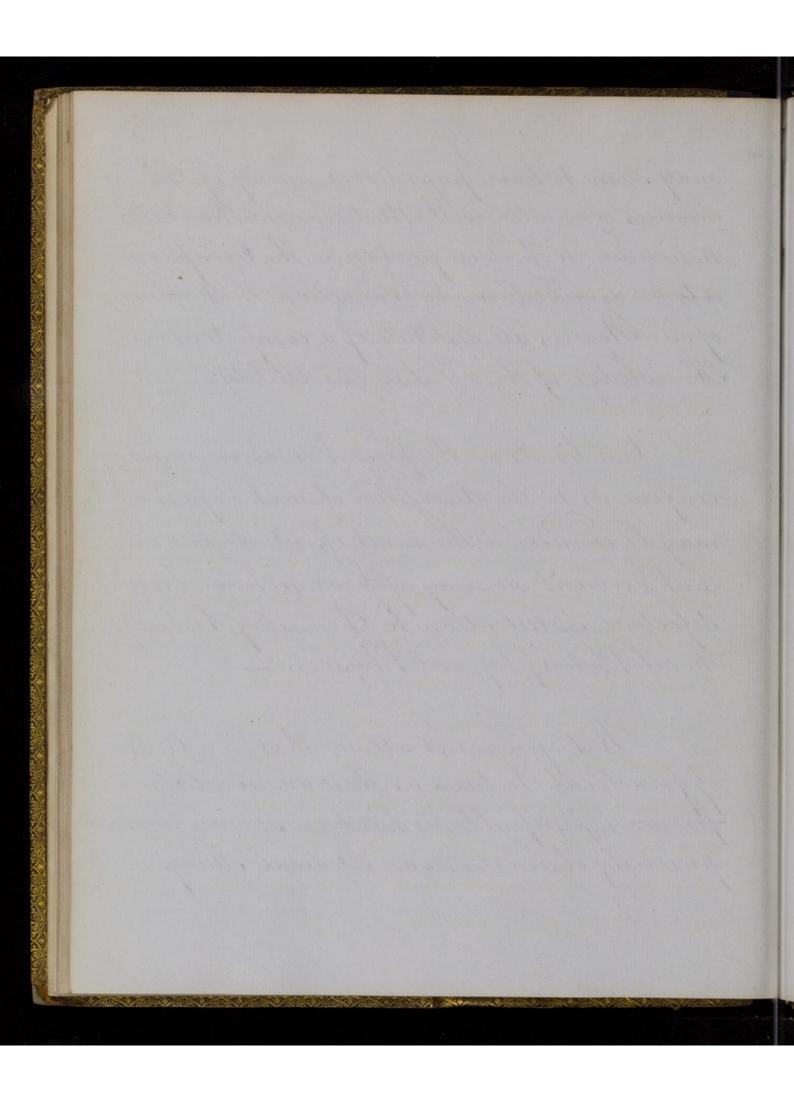
The dignity and high Character to which Medical science is aspiring, will be main -- tained and cherished, and improvement m will be hailed as the natural Offspring of the teaching, and the Saught. It is impossible for me to quit this part of my subject, without paying that Tribute of praise which has been so well merited by the Source of those advantages which have accrued to the Public Medi --cal Service within the last few years : -I allide to the fostering hand and discern--ing Judgment of the Alustrious Tersonage at the head of the army. Superior to preju--dece, devoted to the good of the Service, a friend to merit, and just to all, His Royal Highness has been the Patron & Dichector

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of all whose Talents and Exertions have advanced their Claims. Of the present legulations, and System of the public Medical Service, it may be con--sedered unnecepsary for me to speak; but I am confident, it will, in this place, be only meeting the general afount to declare, that there never was a Period in which the department was more ably filled, or more honour--ably conducted, than the present. ____ the Individual's concerned are entitled to this public testimony of their Talent's Honduck ._ To their Exertions, we have to ascribe the un establishment of a System in the ellidical department of the Butish army, replete in with present good, and pregnant with future Benefet, to the Service and to Mankind ... A in the course of this address, we m



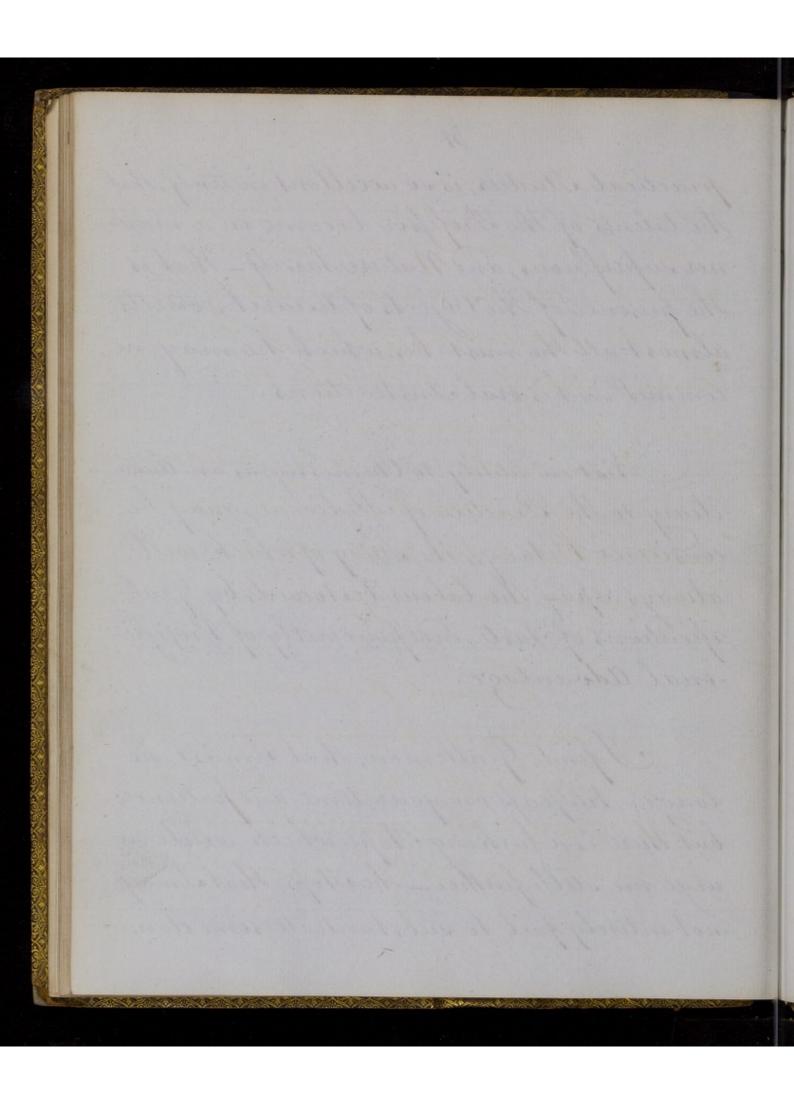
may seem to have passed over many of the Sciences connected with Medicine, without the Notice due to their importance, the Omision is to be ascribed to our Conviction that none of our Hearers are destitute of a competentin Knowledge of their Value, and Utility. Our limits on the present occasion must confine us to the discufsion of such Topics as may be considered the most efsential, and on that account we may appear to have been defective in attention to Chemistry, Botany, moral Mulosophy, and Physics. -But you must allow that in a Course of practical Tectures as these are, some The--ference is justifiable, as has been shewn in the preceding observations on Medical Study.



It by no means follow's however, that because the choice has been directed to things of the highest value, the afsistance of all the Sister Arts, the inferior in consequence, is n not to be courted. An acquainfance with m them to a certain extent, is indispensible for the formation of such a Character as a Medi--cal Practitioner ought to be. In point of Ultitely, Chemistry perhaps stands most prominent. - It is not however, as a celebrated author has justly observed, by the Verusal of Book's that we can hope to learn Chemistry Mharmacy; but by wit --nefsing the various Processes of these arts, by performing them ourselves, and by rendering ourselves familiar with the Subjects of them, and the Instruments by which they are ex--fected. _ This method, we must again beg n leave to observe, applicable as it is to all m

Stable Contraction

practical Studies, is so excellent in itself, that the talents of the Professor become in a manner superfluous, and Mature herself - that is the presence of the Objects of research, corrects almost all the mistakes, which he may m commit in his oral Instructions. Next in utility to Chemistry, as an dux--iliary to the Practice of Medicine, may be considered Bolany, the Study of which will always repay the labour bestowed, by grat--efications of Jaste, independently of Professi--onal advantage. I find, Gentlemen, that I must no longer hespafs on your time and patience; but there is a lurking Aope which would m urge me still further _ the Hope that I may not entirely fail to substantiate some claim



for such a course of Lectures as I am now entering upon . _ Aided by Military Me--dical Information & public Lecords, cheristic by the kind attentions, and enriched by the valuable contributions, of many of the most distinguished officers in the department, I cannot but entertain some Confidence that you will give Countenance to my Pretensions. - My anaiety however that something like Justice should be done to the Subject, so undertaken, is not so readely appeased. I shrink from the apprehen--sion of Failure in the Execution, and am but too sensible how much I shall have to expect from your Indulgence in this my first youry.

the the trans all the heart a are and - My anouly havener that a course of and Justuritation to leave to the surger for and Parante from the approxim second Frailant on the Courtain for correct too , to get the mare marked a share and has seen first the any - ---

33. I conscious nefs of the best intentions and a full Conviction of the Utility of the m Design, will remain to me, whatever be m the Tesult of my efforts; and, in Case of failure, the consoling persuasion, that m whenever the Jask shall devolve into m hands more worthy of it than mine, all that has been here predicted of it, and much more, will be the Fruit of such an Under--taking Simis.

