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Contributors

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SYLLABUS
OF THE
LECTURES ON SURGERY

DELIVERED BY

WILLIAM SANDS COX,
FELLOW OF THE ROYAL SOCIETY,
AND OF THE ROYAL COLLEGE OF SURGEONS, LONDON,

AT

THE ROYAL SCHOOL OF MEDICINE AND SURGERY,
BIRMINGHAM.



BARLOW, BIRMINGHAM,
BOOKSELLER TO THE ROYAL SCHOOL OF MEDICINE.

M.DCCC.XXXVI.

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THE Arrangement of the LECTURES ON SURGERY is founded on the principles laid down by the genius of John Hunter, combined with the present improved state of general and pathological Anatomy. I have been, with diffidence, induced to publish the plan, in the hope of assisting the Student in the prosecution of his studies. To treat Surgical Diseases according to the Anatomy of the Tissues, to shew the alteration peculiar to each structure, appears to me the most favourable method for teaching, and for impressing upon the mind, the scientific Principles of Surgery. During the course, the different modes of operating adopted in this country, and also on the continent, will be practically demonstrated.

W. S. C.

The following is a list of the names of the
persons who have been appointed to the
various positions in the office of the
Secretary of the Board of Education.
The names are given in the order in which
they were appointed, and the date of
their appointment is given in parentheses.
The names of the persons who have been
appointed to the positions of Secretary
and Treasurer are given in the order in
which they were appointed, and the date
of their appointment is given in parentheses.
The names of the persons who have been
appointed to the positions of Chairman
and Vice-Chairman are given in the order
in which they were appointed, and the date
of their appointment is given in parentheses.
The names of the persons who have been
appointed to the positions of Members
are given in the order in which they were
appointed, and the date of their appointment
is given in parentheses.

SYLLABUS.

INTRODUCTORY REMARKS.—Of health, of disease—of the cause, symptoms, progress, and termination of diseases—of diagnosis—of prognosis—of treatment of diseases.

INFLAMMATION.—Of healthy and unhealthy inflammation—of acute and chronic inflammation—characteristic symptoms—redness, heat, pain, and tension—causes of inflammation remote or exciting, proximate or state of parts under disease—different theories respecting the proximate cause—progress and termination of inflammation, resolution, effusion, suppuration, gangrene, induration, retrocession—structure modifies termination.

TREATMENT OF INFLAMMATION.—Constitutional means—of bleeding, purgatives, sudorifics, diuretics, sedatives—local means—heat and moisture combined, counter-irrita-

tion, position, various modes of bleeding.—Of the operations of arteriotomy and phlebotomy.

ADHESIVE INFLAMMATION.—Definition—nature of adhesive matter effused—symptoms, treatment, use of adhesive inflammation—animal engraftings, Taliacotian operations—adhesive inflammation a most important principle in wounds, in surgical operations, closing of blood-vessels, formation of pus, formation of cysts—tissues most prone to adhesive inflammation.

SUPPURATIVE INFLAMMATION.—Local appearances, and effects—time required for the production of pus—of the nature, properties, and uses of pus—tissues which take on suppurative inflammation—constitutional symptoms—symptomatic or sympathetic inflammatory fever—hectic fever—treatment.—Abscesses—definition—general rules of treatment—modes of opening abscesses—simple incision, caustic, seaton—abscesses of the mamma, mediastina, abdomen, perinæum—fistula in ano—operations.

ULCERATIVE INFLAMMATION.—Definition and theory of ulceration—causes, symptoms, local and constitutional treatment—tissues most susceptible of ulcerative inflammation—uses of ulceration—of granulation, and cicatrization—treatment of healthy, indolent, and phagedenic ulcers.

GANGRENOUS INFLAMMATION.—Definition, causes, symptoms, local and constitutional treatment—of hospital, traumatic and gangrene of old persons.

SPECIFIC INFLAMMATION.—Inflammation dependent on some specific cause, as morbid poison, peculiar local or constitutional irritation, or a morbid state of the system; viz. :—

SCROFULOUS INFLAMMATION.—Definition of scrofula—age at which it most commonly appears, temperament, causes, influence of climate and season—constitutional and local treatment—tissues attacked by scrofulous inflammation.

CANCEROUS INFLAMMATION.—Definition of cancer—tissues attacked by cancerous inflammation—period of life—causes, symptoms, progress, pathological appearances, treatment.

FUNGOID INFLAMMATION.—Various other definitions—tissues attacked by fungoid inflammation—characters, progress, termination, pathological appearances, treatment.

SYPHILITIC INFLAMMATION.— Definition — primary symptoms—chancre, bubo—chancre, usual mode of commencement, common appearance, seat—bubo, cause, progress, termination.—Secondary symptoms—ulceration of the throat—eruptions—inflammation of the periosteum and osseous tissue—Carmichael's views—remedies employed,—diaphoretics, narcotics, and those which introduce a large proportion of oxygen into the system—mercury and its preparations—best forms of mercury—objections to its use, or continuance—treatment of the various symptoms—mer-

curial disease — warts, their growth and nature—treatment.

GONORRHÆAL INFLAMMATION.—Definition—causes—Is the matter produced by gonorrhœa and syphilis the same? —symptoms, seat, mode of treatment in the acute and chronic stage—objections urged against injections—gonorrhæal ophthalmia—symptoms, seat, mode of treatment.—Stricture of the urethra, methods of cure.—Fistula in perinæo—phymosis — paraphymosis, causes, symptoms, treatment.

INFLAMMATION OF THE CELLULAR TISSUE.—Its organic changes—symptoms, progress, termination, and pathological characters—treatment—diffuse inflammation—elephantiasis — tumors — phlegmon. — Furunculus, carbuncle referred to suppurative and dermoid inflammation.

INFLAMMATION OF THE DERMOID TISSUE.—Causes, symptoms, treatment of exanthematous, vesicular, pustular, furuncular, papular, tubercular inflammations—paronychia—onychia—nævi materni.

INFLAMMATION OF THE OSSEOUS TISSUE. — Symptoms, progress, termination, pathological characters—treatment—superficial, interstitial, adhesive, suppurative, ulcerative and gangrenous inflammation of bone.—Specific inflammation of bones, viz., scrofulous, cancerous, fungoid, syphilitic—affections of bone depending upon a morbid condition of its assimilating vessels—injuries of bone—solutions of con-

tinuity—definition of fractures—general treatment of simple fractures—compound fractures—on the formation of calculus—false joints—treatment—fractures of the nasal bones, of the lower jaw, upper extremity, how ascertained—bandages, position, time required for union—fractures of the trunk and injuries of the spine—fractures of the neck of the os femoris—within the capsule of the joint, external to it—absence of bony union, causes—fractures of the shaft and condyles of the os femoris, of the leg and foot—injuries of the head—fractures, simple and compound—fractures, with depression of the cranium—compression, concussion of the brain—diagnostic marks—inflammation of the membranes of the brain and its consequences referred to the fibrous and serous membranes.

INFLAMMATION OF THE SYNOVIAL, CARTILAGINOUS AND FIBRO-CARTILAGINOUS TISSUES.—The cause, symptoms, progress, termination and pathological characters of inflammation of these tissues—of specific inflammation and its effects—affections of the joints generally—injuries—luxations—cause, symptoms, general treatment—individual luxations—symptoms and treatment of dislocation of the clavicle at the sternal extremity upwards, backwards, and forwards—at the scapular extremity upwards or downwards—of the os humeri—downwards and forwards into the axilla, forwards beneath the clavicle, backwards on the dorsum of the scapula, upwards with fracture of the acromion—partial dislocation—of the elbow, ulna, and radius backwards, ulna and radius forwards, with fracture of the olecranon—radius forwards—ulna and radius laterally—

of the wrist forwards, backwards, laterally—of the tarsal, metatarsal, and phalanges—of the thumb—of the ossa innominata—of the hip joint, upwards on the dorsum ilii, downwards into the foramen ovale, backwards into the ischiatic notch, forwards upon the pubes,—of the patella—of the ankle-joint—forwards, inwards, and outwards—of the astragalus, metatarsus, and phalanges—of the extremities of the ribs—of the vertebræ—psoas and lumbar abscess—symptoms, progress, treatment—of loose substances in articulations.

INFLAMMATION OF THE MUSCULAR AND FIBROUS TISSUES.—Cause, symptoms, progress, pathological characters, treatment—lacerations—contusions—sprains—contractions.

INFLAMMATION OF THE SEROUS TISSUE AND ITS ORGANIC CHANGES.—Hydrothorax—paracentesis thoracis—peritoneal and ovarian dropsy—nature of the fluid—paracentesis abdominis—hydrocele—cause, symptoms, diagnostic marks—principles of cure—absorption, adhesion, granulation—various modes of operating—seaton, injection, incision.

INFLAMMATION OF THE MUCOUS TISSUE, AND ITS ORGANIC CHANGES.—Cause, symptoms, progress, termination, and pathological characters.—Diseases of the mucous membrane of the ear, of the nose, and antrum maxillare—diseases of the mouth, tongue, and salivary ducts—diseases of the tonsils and uvula—diseases of the throat—stricture of the œsophagus—diseases of the vagina and uterus—polypi

—formation—divisions—operations of pharyngotomy and laryngotomy—tracheotomy.—Diseases of the conjunctiva and lachrymal passages are referred to the eye.

INFLAMMATION OF THE BLADDER.—Retention and suppression of urine—causes, symptoms, treatment—operation of paracentesis vesicæ—above the pubes,—per rectum—in perinæo—retention of urine in the female—stricture of the rectum, treatment of.—Stricture of urethra referred to gonorrhæa.

OF CALCULI.—Situations where found—symptoms—chemical composition—medical treatment—lithotomy—lithotrity—parallel between the two operations considered—of calculus in the female.

INFLAMMATION OF THE GLANDULAR TISSUE.—Cause, symptoms, treatment, and pathological characters of inflammation of the testis, mamma, prostate gland—scrofulous and fungoid inflammation and its consequences—operation for extirpation of the mamma and testis.

INFLAMMATION OF THE ARTERIAL TISSUE AND ITS ORGANIC CHANGES.—Aneurism—divisions—true, false,

circumscribed, and varicose aneurisms—causes, mode of formation, diagnostic marks, appearances on dissection.—Operation for securing the different arterial trunks.

INFLAMMATION OF THE VENOUS SYSTEM AND ITS ORGANIC CHANGES.—Causes, symptoms, pathological characters, treatment—varix—hæmorrhoids—varicocele.

INFLAMMATION OF THE NERVOUS TISSUE AND ITS ORGANIC CHANGES.—Neuralgia—tetanus—trismus—suppuration of the brain—causes, symptoms, treatment, pathological characters.

DISEASES OF THE EYE.—Inflammation of the globe, and its effects—specific inflammation of the globe, and its effects—diseases of the cornea—causes, symptoms, and treatment—ulceration and opacity of the cornea—nebula—leucoma—staphyloma—conical cornea—diseases of the iris—inflammation, pathological characters, prolapsus iridis—synechia, anterior et posterior—closure of the pupil—artificial pupil—different modes of operating—myosis, mydriasis—diseases of the retina—amaurosis—precursory symptoms, causes, prognosis, diagnosis, treatment—diseases of the humors—hydrophthalmia—glaucoma—cataract—varieties, causes, diagnostic marks,—operation for extraction, depression, solution—diseases of the appendages—ophthalmia tarsi—lippitudo—sarcoma palpebrarum—encanthis—entropium, ectropium—fistula lacrymalis—treatment of the disease.

LESIONS OF CONTINUITY.—Contusions—burns—local and constitutional treatment—wounds—division—incised, lacerated, contused, punctured wounds—mode of treatment—wounds of the head, neck, chest, abdomen—of the joints, tendons, vessels.

AMPUTATIONS.—Circumstances requiring it—of the double incision and flap operation—modes of restraining hæmorrhage—application of the tourniquet—amputation of the fingers and toes—different modes—amputation between the tarsal bones—between the carpal bones—amputation of the leg by the flap operation, and by circular incision—amputation above the knee—amputation at the hip joint—amputation through the fore arm—removal of the hand at the wrist joint—amputation of the arm above the elbow—removal of the arm at the shoulder joint—after treatment to be adopted—amputation of the penis—mode to be adopted.

LESION OF REPORTS.—Luxations referred to the synovial tissue.—Herniæ—definition of hernia—kinds of herniæ contents of hernial tumor—exciting and predisposing causes—reducible hernia, treatment—irreducible hernia, treatment—strangulated hernia, progressive symptoms—its reduction by the taxis—operations—after treatment.

MORBID PRODUCTIONS.—Various tumours—distinguishing marks—pathological characters.

MALFORMATIONS.—Adhesion of the labia—imperforate vagina—hare lip—cleft palate—supernumerary parts—closure of the rectum—treatment—operations.

POISONS.—Stings and bites of animals—hydrophobia—modes of preventing the baneful effects of these injuries.

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AND

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