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(Joen-Rong Sheu, Director/Professor)

病理學科

簡史及概況

病理學科成立於民國五十年八月，是北醫創立甚早、歷史悠久的學科，由病理界權威陳定堯教授擔任首任主任，並於五十一年八月開始醫學系及牙醫學系的病理學與病理實驗授課，而後陸續開設藥學系、醫技、護理等科系的病理教學。在北醫華路藍縷的年代，從零做起，默默耕耘建立北醫病理在教學與醫療服務的美名。陳教授於民國七十六年退休後，由黃德修教授接任學科主任，承繼優良傳統，嘉惠學子。而後繼任的歷任學科主任，皆秉持以學生為主體，完成以教學為首要目標的使命。病理學科除學校教學、研究及服務任務外，也負責北醫大三家附屬醫院(附設醫院、萬芳醫院及雙和醫院)所有組織與細胞病理檢查、各項臨床病理討論會及解剖病理專科醫師訓練工作。

教學目標

病理學科教學目標是透過各項教學方法，使修習者能具備引起疾病各種不同原因及其致病機轉，與人體主要器官常見疾病的知識，奠定將來研習臨床醫學及從事疾病研究之根基。病理學實驗課程經由實際臨床病例病變器官標本及病理組織切片之觀察，瞭解疾病發生時形態學之變化。醫學生學習病理學後，能對病例有基本的分析能力，並建立搜尋資料、自我學習的態度與能力，具備通過國家考試病理學科目能力。病理學科除負責醫學系病理教學外，也負責牙醫學系及校內其他學系病理課程教學。

教學特色

病理學教學網站：病理學科利用自有的教材，建置病理學教學網站，提供豐富標本外觀照片、顯微鏡下病理變化、病例討論等各項資料，提供學生充足教學資源以利自我學習。推行遠距教學：病理學科錄製病理教學切片影音光碟，並利用學校提供教學平台 My-TMU 或 My2 推行遠距教學，藉由病理教學數位網路化，提供學生自我遠距學習環境及師生討論的園地，以增進學習成效。

虛擬數位教學切片庫：配合校方推行的卓越教學計畫，建立約 200 片的病理實驗教學切片數位切片資料

庫，學生可透過學校網頁，隨時隨地上網學習，不受時間、空間及顯微鏡設備的限制。

PBL(Problem-based learning)教學：以臨床實際病例為教案，透過小組 PBL 學習方式，讓學生建立搜尋資料與自我學習的習慣與能力，並可透過小組討論，增加溝通表達能力與促進團隊合作精神。教學設備齊全：具備電腦化的病理實驗教室，提供學生個人用顯微鏡及具有多部小組討論用的多頭教學顯微鏡，顯微鏡數位照相設備、數位切片掃描設備等。

師資

病理學科目前有顧問教授 1 名；8 位專任教師包括教授 1 名，專任副教授 3 名，專任助理教授 1 名，專任講師 3 名；位兼任教師包括兼任教授 1 名，兼任副教授 2 名，兼任講師 2 名。

研究特色

本學科專任教師依其專長，提出個人或共同合作的研究計畫，從事各項臨床病理相關研究。目前主要進行為鼻咽癌、胃癌及泌尿道病理等相關研究領域，研究成果發表於國內外相關醫學會與學術論文期刊。

展望

病理學科在現有發展的基礎上，秉持在教學、研究、服務追求卓越的理念，持續不間斷的向前邁進。未來將發展分子病理領域的研究與臨床應用，以建立各項分子病理診斷技術，提高病理服務品質；參與共同研究合作計畫，提昇研究能量。

(朱娟秀 主任/副教授)

Department of Pathology

History and Overview

The Department of Pathology was established in August 1961, a historic department founded very early within Taipei Medical University, headed at the time by Professor Chen Ting-Yao, then already a figure of authority in the specialty of pathology. One year after establishment, the department took up teaching of Basics in Pathology including laboratory to students from the College of Medicine and College of Dentistry. The course was subsequently offered to the College of Pharmacy, Medical Technology and Nursing.

Starting from scratch, the department of pathology grew and expanded very gradually

providing teaching and medical services to the university and the hospital under the expert management of Professor Chen Ting-Yao until 1987 when Professor Huang Teh-Hsiu took over and continued the fine tradition to benefit both students and patients alike. Subsequent heads of the department upheld the student-centered mission of education for the betterment of future doctors and professionals in the society. Aside from being active in teaching, research and providing services to hospital patients, the department of pathology is also responsible for cytology readings, clinical pathological diagnosis of specimens collected, clinical pathological conferences of the various departments and specialty training of residents in the three major associated hospitals, namely Taipei Medical University Hospital, Wan Fang Hospital, and Shuang-Ho Hospital.

Goals of Education

The aim of the department provides students adequate knowledge on the common diseases of the human body, its causes, and pathogenesis to establish a good foundation for future clinical doctors and researchers alike. Laboratory classes of pathology provide actual clinical pathological specimens and histopathological slides for the study and observation of morphological changes in disease. After their course in Pathology, medical students should be able to analyze cases and search out data independently, further improve in their studying ability and attitude, and be well equipped for their future board examinations in the subject of pathology.

Distinctive Feature of Education

Pathology Teaching Website

A pathology teaching website was built utilizing our own teaching materials with an abundant supply of photographs of specimen appearance, microscopic pathological changes, and case discussions to provide students with sufficient teaching resources in order to facilitate self-study.

Implementation of Distance Learning

The department of pathology has recorded pathology teaching slides in compact discs form and with the use of the school's teaching platform My-TMU or My2, teaching pathology in this digital network makes distance learning available to students and creates a place where teachers and students can discuss and interact and further enhance the effectiveness of learning.

Virtual E-learning Slides Library

In coordination with the school's implementation of excellent teaching plans, about 200 teaching slides were digitalized in order to set up this E-learning Slides Library. Students can avail of this service through the school website, therefore, learning can be done anytime, anywhere, no longer restricted by time and space limits and the availability of microscopes.

Problem-based Learning

Actual clinical cases are used in teaching and students are divided into small groups for problem-based learning, furthering independent study and data research, and by group discussion method to improve communication skills and promote the spirit of teamwork.

Teaching Equipments and Devices

Computerized laboratory classrooms provide students with microscopes for individual use and several teaching microscopes for group discussions. Other equipments include microscope digital cameras and digital slide scanners.

Faculty

Our faculty members include a consulting professor; 8 full-time teachers including a professor; 3 associate professors; one full-time assistant professor; 3 full-time lecturers; part-time teachers include an adjunct professor,

2 adjunct associate professors and 2 part-time lecturers.

Distinctive Features of Research

Full-time lecturers in the department make either individual or group research proposals based on their own subspecialty. Ongoing researches include research on nasopharyngeal carcinoma, gastric carcinoma and pathology of the urinary system. Results are published in both domestic and international related medical journals and academic papers.

Prospect

Based on present and ongoing developments, the department continues to uphold the philosophy of excellence in teaching, research and provision of services. Plans for the future include research in the field of molecular pathology and its clinical applications to ensure accuracy in pathological diagnosis to further improve the quality of our services; and participate in joint research projects and proposals for further expansion of research grounds.

(Jan-Show Chu, Director/Associate Professor)

解剖學科

簡史及概況

台北醫學大學於 1960 年成立，同時設立解剖學科。1962 年型態大樓建造，二樓規劃設置大體解剖實驗室。2001 年型態大樓整建，設置現代化的空間與設

師資

目前師資共有專任副教授三名，助理教授三名，講師四名。兼任副教授一名，兼任助理教授一名。技術人員三名。

姓名	學歷	研究專長
馮琮涵 副教授	臺大醫學院解剖學研究所博士	細胞生物學
鄭海倫 副教授	高雄醫學大學醫學研究所博士	生殖生理、蛋白質化學
周綉珠 副教授	臺大醫學院解剖學暨細胞生物研究所博士	味蕾型態
柯翠玲 助理教授	臺大醫學院解剖學暨細胞生物研究所博士	神經元中間絲蛋白 型態學
許政成 助理教授	國立體育學院體育研究所運動生化營養組博士	運動後細胞和組織壓力的壓力反應，運動營養增補劑。
白滿惠 助理教授	臺大醫學院解剖學暨細胞生物研究所博士班進修中	安非它命 麩氨酸鈉 穹窿下器官

備。並且購置多種塑膠模型、互動式電腦軟體，以及人體橫切、矢狀切與冠狀切面的切片供學生觀察運用。教學任務主要負責全校各系所之大體解剖學、解剖學、組織學、胚胎學、神經解剖學等基礎醫學課程。由於解剖學實際解剖人體，遺體來源主要來自無償捐贈，因此同時兼具基礎醫學與人文相關課程。以培養兼具扎實醫學知識與人文素養之醫學生為願景。

教學目標

以系統性解剖學為基礎，同時結合組織學、胚胎學與神經解剖學的範疇，並且進一步與生理學進行課程整合。在每個系統的課程中，都請臨床醫師介紹相關臨床應用知識。此外，組織實驗課程利用數位化的組織切片進行實驗觀察；大體解剖學實驗則仍保留實際動刀解剖人體的區域性解剖學。每年安排訪問大體捐贈的家屬與追思紀念會，也是重要的人文相關課程。另外進行問題導向教學(PBL)，培養學生主動學習的精神，為日後基礎與臨床醫學奠定良好的基礎。

教學特色

負責全校各系所之大體解剖學，解剖學，組織學，胚胎學，神經解剖學等基礎醫學教學。於正課授課方面：學科老師多配合學校之數位教學設備，課前先將課程內容傳至教學版上，供學生預習。課堂中利用 powerpoint 圖片與文字相輔解釋，並於講述一小段落時穿插即時迴遺系統(IRS)問題，以得知學生學習之狀況。課後則利用 powercam 將上課講述錄影內容上傳至網站，以利學生複習。學生也可利用網站發問得到解答。充分利用學校之數位平台，與學生溝通。於實驗課方面：本學科有大體解剖學實驗室之大實驗空間可提供醫、牙學系學生進行大體解剖實驗觀察；護理、醫技、呼吸等學系則觀察浸漬標本以及人體各系統模型之觀察學習。組織實驗課方面除了傳統利用顯微鏡作實際的組織切片觀察外，同時也將切片影像數位化，彙集成電子切片檔，設置於學校網站上，方便師生隨時上網學習觀察與參考。