

Distinctive Feature of Research

To follow policies of the medical school for creating a higher research atmosphere and enhancing better quality and larger quantity of paper publication, faculties are encouraged to apply for research projects, campus and off-campus; further, they are welcome to join many seminars, domestic and overseas. Here is a list of each department's research field:

General Surgery: It contains clinical research of common cancers, such as colorectal cancer, liver cancer, stomach cancer, breast cancer; and fundamental medicine research of molecular biology and cancer information. In addition, minimally invasive surgery is very useful to cure and study these diseases: obesity, acute appendicitis and gastroenterology.

Neurosurgery: It emphasizes fundamental and clinical research of brain trauma, brain tumor, cerebrovascular accident and degenerative neurological disease.

Plastic Surgery: It consists of six major sections of orthopedic trauma (upper limbs trauma, facial fractures), cancer reconstruction, burn treatment, reconstruction of congenital defects, chronic wound treatment and cosmetic surgery. It has been constantly progressing in innovative surgical operation, high quality service, staff training, research and development.

Cardiovascular Surgery: It has united fundamental and clinical research to lead domestic translational medical research of cardiac surgery.

Thoracic Surgery: It covers lung, esophagus, pleura, trachea, mediastinum, diaphragm, chest wall, and so on. It is the most important to study the treatment of lung cancer, esophageal cancer, and pneumothorax.

Pediatric Surgery: Laparoscopy has been well developed to make a perfect surgery of minimized wound, least pain and fastest recovery.

Prospect

To integrate a firm basis of clinical teaching plan, professors of surgery department will get

involved in practice teaching of anatomy.

Students can solidify fundamental knowledge and clinical application from what they learn from the clinical anatomy curriculum.

To organize a cooperation between clinical and fundamental research, the surgery department will integrate physiology, pathology, microbiology and immunology to perform the fundamental research of clinic.

(Yon-Shiau Chiang, Director/Associate Professor)

婦產學科

簡史及概況

婦產學科教授範圍涵蓋婦科教學、產科教學及不孕症暨生殖內分泌。教學方向針對專業學識、臨床醫學服務及研究發展，三大方向齊頭並進，學生亦可藉此使臨床處理技能日益進步。

為使學生能具全面性的了解，特別針對學生依婦科、產科與不孕症各分科，各相關醫院據此設計完整的核心課程，並邀請各大醫院婦產科學之專家授課，以期收得最佳之學習效果。婦產部有晨會、病例討論會，以及專題演講等，並定期邀請國內外婦產科專家參與，以提昇本部教學活動品質。

婦產學科希望除了培養全方位專科醫師外，也讓學生更能決定未來之習醫方向。除了全人教學，我們也期待藉由優良的學術研究表現帶領學科。此外，學科為教職人員舉辦各類在職訓練精進教學方式，並舉辦各種國內學術演講，更加強與國際學術交流，邀請國內外之外賓專家舉行專題講座，以期邁向國際大學之林。

教學目標與特色

生殖科技為本學科發展特色之一，八十二年成立『生殖醫學研究中心』以發展尖端生殖醫學科技，目前為國內之佼佼者，國際上亦享有聲譽。同年度起，醫學研究所開始招收婦產科研究生，八十六年開始設立臨床醫學博士班，積極培訓婦產科專業研究人才。藉由臨床工作與學術研究緊密結合，本學科已成為國內首屈一指的婦產科及生殖科技中心重鎮。研究重點包括為子宮內膜異位症、精子形態動力、卵子顯微注射、胚胎著床與自然老化。生殖醫學中心將同時積極推動與國內外各大醫學中心及中央研究單位之交流及合作，以提昇本科之學術地位。

婦科方面，婦產部具備最新之腹腔鏡系統，以訓練手術人才，本科腹腔鏡手術之創新與純熟已臻國際水準。婦科癌症團隊亦為院方癌症中心之一環，積極提昇癌症診療品質，目前正從事卵巢癌之研究。在產科方面，新大樓具備全新產房設備，增設中央監控式胎心音監視器，提昇產科服務品質。

儀器設備

婦科：有彩色都卜勒超音波、陰道鏡、子宮鏡、尿動力分析測定儀、腹腔鏡。

產科：有 4D 立體超音波、胎心音偵測器、中央監控

式胎心音監視。

不孕症科：有試管嬰兒實驗室(相差倒立顯微鏡、無菌操作台、二氧化碳培養箱、離心機、電腦程序冷凍機、顯微操作設備)、腹腔鏡取卵設備、經陰道超音波取卵設備等。

師資

專兼任別	姓名
專任教授	曾啟瑞、許淳森、黃建榮
專任副教授	劉偉民、鄭丞傑、戴承杰、簡立維、吳銘斌
專任助理教授	林鈺山、黃文貞、徐明義、王家瑋、楊振銘
客座教授	Benjamin K. Tsang、R. Jeffrey Chang、Yuji Taketani、梁仲果、劉宗元、薛人望
兼任教授	楊育正、謝孟雄
兼任副教授	王國恭、李建南、郭宗明、黃順賢、歐名哲、蘇聰賢
兼任助理教授	何志明、李國光、許耿福、陳勝成、黃莉文、蔡永杰
兼任講師	仇思源、王國華、王瑞生、區慶建、張紅淇、鄺源貴、劉錦成、蔡明松、鄭志堅
兼任臨床教授	邱孝震、高銓煙、蔡明賢
兼任臨床副教授	阮正雄、徐弘治、張景文、梁守蓉、陳樹基、黃國峰
兼任臨床助理教授	張君堯、賴宗炫
兼任臨床講師	王三郎、林國昭、簡翊鈞

研究特色及近十年重要研究成果

職稱	姓名	近年重要研究成果
教授	曾啟瑞	曾啟瑞教授長期投入內分泌生殖醫學的研究，最近幾年領導的團隊專注於： 1. 卵子自體粒線體的移植研究，解決不孕症之問題 2. 用基因晶片的方式探討胚胎著床之機轉 3. 合併使用 GnRHs 使子宮內膜異位症病人提高懷孕率。
教授	許淳森	許淳森教授長期從事高危險妊娠、婦科腫瘤的研究及生藥對子宮肌肉收縮的影響： 1. 妊娠毒血症(Preeclampsia)血清對內皮細胞之細胞粘著分子及白血球轉移的影響 2. 海洋漁類中汞分子在孕婦血中、臍帶血及胎盤組織濃度的相關性 3. 傳統中藥對子宮肌肉收縮的影響
教授	黃建榮	黃建榮醫師長期投入人工生殖醫學的研究，最近幾年專注於： 1. GnRH analogue 於誘導排卵所扮演的角色。 2. 簡化病人在接受試管嬰兒治療時排卵藥物的使用方式。 3. 胚胎植入技巧的改善。 4. 不成熟卵子體外培養的基礎研究。
副教授	劉偉民	劉偉民副教授於 2002 年加入北醫之行列，其研究延續子宮肌瘤/子宮頸癌/子宮內膜癌創新手術之治療法。
副教授	鄭丞傑	鄭丞傑副教授於 2007 年才進入北醫大專任，過去十年中主要的論文發表，偏重在婦科癌症及婦女性醫學的臨床研究，目前的研究著重在子宮內膜癌、卵巢癌、子宮頸癌及癌症幹細胞方面。
副教授	戴承杰	戴承杰副教授長期投入 ATP 在內分泌生殖領域之研究，建立人類女性生殖細胞(卵巢顆粒細胞、子宮內膜基質細胞)離體培養： 1. 研究證實 ATP 對人類卵巢顆粒細胞黃體素分泌及基因製造之影響。 2. 研究證實 ATP 對人類子宮內膜基質細胞中訊息傳遞系統及 Matrix

		Metalloproteinases 分泌製造之影響，進一步探討 ATP 與雌激素、黃體素間之交互作用。 3. 在臨床上結合西醫使用中醫藥治療癌症病人；另一方面也運用中醫療法改善病人之過敏體質。
副教授	簡立維	簡立維副教授專注於胚胎著床前後相關的研究，近幾年領導的團隊致力於： 1. 子宮內膜與其周圍環境對於胚胎著床的影響，解決相關不孕的問題。 2. 立體超音波應用於胚胎著床之相關研究。 3. 子宮內膜在胚胎著床後如何影響胚胎脫離(流產)的相關研究。
助理教授	吳銘斌	吳銘斌副教授主要研究方向為： 1. 腫瘤癌化過程中之腫瘤血管新生(angiogenesis)及基質作用(stroma reaction)，探討第一型血小板活化素(thrombospondin, TSP-1)抑制子宮頸癌化過程中之角色。基質由本來抑制轉為幫助上皮細胞成長形成適合腫瘤成長環境的反應第一型血小板活化素除了已知抑制血管新生的角色外，同時也扮演著影響其他基質細胞(如纖維母細胞等)的生理作用的角色。 2. 探討婦女骨盆底鬆弛之細胞外基質之質與量的改變、肌纖維母細胞量的改變及其與調節因子基質金屬蛋白酶、TSP-1 與 TGF-β 改變的相關性。及肌纖維母細胞細胞株製造細胞外基質之量的改變，及其他如移動等生物活性的改變。 3. 探討骨盆重建手術使用的人工網膜的生物特性。在不同人工網膜的環境下肌纖維母細胞受其調節因子的影響產生的生長相互作用的關係。
助理教授	林鈺山	林鈺山醫師近年來主持之研究計畫包含： 1. 多囊性卵巢患者接受腹腔鏡處理後瘦素的變化 2. Cdc25 在人類黃體細胞的表現 3. 以 CGH 分析卵巢顆粒細胞瘤之基因體非均衡性異常 4. 前哨淋巴結的偵測於子宮頸癌的應用 5. 使用腹腔鏡施行改良式子宮根治性手術治療子宮頸癌及存活率追蹤
助理教授	黃文貞	長期投入婦女泌尿之相關研究
助理教授	徐明義	徐明義醫師多年來從事台灣多囊性卵巢婦女的先關性相關性研究，主要研究多囊性卵巢婦女在性腺激素方面的異常及肥胖相關因素對多囊性卵巢婦女的影響，近年來發表多篇關於這方面問題的論文
助理教授	王家瑋	王家瑋醫師專精於生殖內分泌及不孕症的治療，研究方面也志在解決臨床上所常遇到的難題，包括生殖細胞的冷凍、細胞核轉移、卵子活化等。

以下為截至 2009 年 10 月止婦產科近十年發表之重要論文：

Below are the most important papers published in the last ten years:

- Chien LW, Liu WM, Tzeng CR, Au HK. Effect of previous live birth and prior route of delivery on the outcome of early medical abortion. *Obstet Gynecol* 113:669-74, 2009.
- Yang JM, Yang SH, Huang WC. Correlation of morphological alterations and functional impairment in the tension free vaginal tape obturator procedure. *J Urol* 2009;181:211-218.
- Ming-I Hsu, Liou TH, Liang SJ, Su HW, Wu CH, Hsu CS. "Inappropriate gonadotropin secretion in polycystic ovary syndrome". *Fertil Steril*. 2009 Apr;91(4):1168-74. Epub 2008 Mar 5. PubMed PMID: 18325508.
- Chen HW, Liub Jim CC, Chen Jeremy JW, Lee YM, Hwang JL, Tzeng CR. "Combined differential gene expression profile and

- pathway enrichment analyses to elucidate the molecular mechanisms of uterine leiomyoma after gonadotropin-releasing hormone treatment." *Fertil Steril* Vol. 90, No. 4, October 2008, pp.1219-1225
5. Chang SJ, Tzeng CR, Lee YH, Tai CJ
Extracellular ATP activates the PLC/PKC/ERK signaling pathway through the P2Y2 purinergic receptor leading to the induction of early growth response 1 expression and the inhibition of viability in human endometrial stromal cells. *Cellular Signalling*. 2008 20:1248-1255.
 6. Ming-Ping Wu, Ming-Jer Young, Ching-Cherng Tzeng, Chii-Ruey Tzeng, Kuo-Feng Huang, Li-Wha Wu, Cheng-Yang Chou: A novel role of thrombospondin -1 in cervical carcinogenesis: inhibit stroma reaction by inhibiting activated fibroblasts from invading cancer. *Carcinogenesis* 2008;29:1115-1123..
 7. Ming-Ping Wu, Kuan-Hui Huang, Cheng-Yu Long, Kuo-Feng Huang, Ken-Jen Yu, Chao-Hsiun Tang: The distribution of different surgical types of stress urinary incontinence among the patients' age, surgeons' specialties and hospital accreditation in Taiwan: A descriptive ten-year nationwide study. *Int Urogynecol J Pelvic Floor Dysfun* 2008;19(12):1639-1646..
 8. Yang SH, Yang JM, Wang KH, Huang WC. Biological correlates of sexual function in women with stress urinary incontinence. *J Sex Med* 2008;5:2871-2879.
 9. Yang JM, Yang SH, Huang WC. Dynamic interaction involved in the tension free vaginal tape obturator procedure. *J Urol* 2008;180:2081-2087.
 10. Liou TH, Yang JH, Hsieh CH, Lee CY, Hsu CS, Hsu MI, "Clinical and biochemical presentations of polycystic ovary syndrome among obese and non-obese women". *Fertil Steril*. 2008 In press.
 11. C-W Wang, S-G Horng, C-K Chen, H-S Wang, H-Y Huang, C-L Lee, Y-K Soong. Use of tamoxifen citrate and alternate-day gonadotrophin in superovulatory cycles for intrauterine insemination in patients with thin endometrium. *Reproductive BioMedicine Online* 17(1): 20-26, 2008
 12. Hsu CS, Liu PL, Chien LC, Chou SY, Han BC
Mercury concentration and fish consumption in Taiwanese pregnant women *BJOG* (114) No.1 pp.81-85, 2007
 13. Lee TH, Lin YH, Seow KM, Hwang JL, Tzeng CR, Yang YS. Effectiveness of cetrorelix for the prevention of premature luteinizing hormone surge during controlled ovarian stimulation using letrozole and gonadotropins: a randomized trial. *Fertil Steril*. 2008 Jul;90(1):113-20. Epub 2007 Dec 11
 14. WM Liu, PH Wang, CS Chou, WL Tang, IT Wang and CR Tzeng. Efficacy of combined laparoscopic uterine artery occlusion and myomectomy via minilaparotomy in the treatment of recurrent uterine myomas. *Fertil Steril* 2007;87(2):356-361.
 15. Jeng CJ, Ko ML, Shen J. Transvaginal Ultrasound-guided Treatment of Cervical Pregnancy. *Obstet. Gynecol*. 109(5):1076-1082, 2007.
 16. Jeng CJ, Huang SH, Shen J, Chou CS, Tzeng CR. Laparoscopy-Guided Myometrial Biopsy in the Definite Diagnosis of Diffuse Adenomyosis. *Human Reprod*. 22(7):2016-2019, 2007.
 17. Ming-I Hsu, Liou TH, Chou SY, Chang CY, Hsu CS. "Diagnostic criteria for polycystic ovary syndrome in Taiwanese Chinese women: comparison between Rotterdam 2003 and NIH 1990". *Fertil Steril*. 2007 Sep;88(3):727-9. Epub 2007 Aug 13.
 18. Tai CJ, Chang CP, Huang CY, Chien LY
Efficacy of Sanfujiu to Treat Allergies: Patient Outcomes at 1 Year after Treatment. *Evid Based Complement Alternat Med*. 2007 Jun; 4(2): 241-246.
 19. Hsu CS, Yang JK, Yang LL
Effect of "Dang-Qui-Shao-Yao-San" a Chinese medicinal prescription for dysmenorrhea

- on uterus contractility in vitro
Phytomedicine (13):94–100,2006
20. WM Liu, PH Wang, WL Tang, IT Wang and CR Tzeng. Uterine artery ligation for treatment of pregnant women with uterine leiomyomas who are undergoing cesarean section. *Fertil Steril* 2006;86(2):423–428.
 21. Jeng CJ, Shen J, Huang SH. Partial Trachelectomy: A New Treatment Choice for Persistent or Recurrent High Grade Cervical Intraepithelial Neoplasia. *Gynecol Oncol*. 100(2):231–232, 2006.
 22. Chen HW, Chen JW, Yu SL, Li HN, Yang PC, Su CM, Au HK, Chang CW, Chien LW, Chen CS, Tzeng CR. Transcriptome analysis in blastocyst hatching by cDNA microarray. *Hum. Reprod.*, 2005; 20, 9:2492–2501.
 23. Hsu CS, Chou SY, Liang SJ, Chang CY, Yeh CL, Yeh SL Effect of glutamine on cell adhesion molecule expression and leukocyte transmigration in endothelial cells stimulated by preeclamptic plasma Nutrition (21):1134–1140 ,2005
 24. Hwang JL, Seow KM, Lin YH, Hsieh BC, Huang LW, Chen HJ, Huang SC, Chen CY, Chen PH, Tzeng CR. IVF versus ICSI in sibling oocytes from patients with polycystic ovarian syndrome: a randomized controlled trial. *Hum Reprod*. 2005 May;20(5):1261–5. Epub 2005 Feb 10.
 25. Y. S. LIN, C. C. TZENG, K. F. HUANG, C. Y. KANG, C. C. CHIA & J. F. HSIEH. Sentinel node detection with radiocolloid lymphatic mapping in early invasive cervical cancer. *Int J Gynecol Cancer* 2005; 15: 273–277.
 26. Yue-Shan Lin, Hock-Liew Eng, Yee-Jee Jan, Herng-Sheng Lee, William L. Ho, Chiou-Ping Liou, Wen-Yu Lee and Ching-Cherng Tzeng. Molecular cytogenetics of ovarian granulosa cell tumors by comparative genomic hybridization. *Gynecol Oncol* 2005;97: 68–73.
 27. Liu WM, Tzeng CR, Chen YJ, Wang PH. Combining the uterine depletion procedure and myomectomy may be useful for treating symptomatic fibroids. *Fertil Steril* 2004;82(1):205–210.
 28. Tai CJ, Chang SJ, Leung PCK, Tzeng CR Adenosine 5'-triphosphate activates nuclear translocation of mitogen-activated protein kinases leading to the induction of early growth response 1 and raf expression in human granulosa-luteal cells. *J Clin Endocrinol Metab* 2004 Oct; 89(10): 5189–95.
 29. Hwang JL, Seow KM, Lin YH, Huang LW, Hsieh BC, Tsai YL, Wu GJ, Huang SC, Chen CY, Chen PH, Tzeng CR. Ovarian stimulation by concomitant administration of cetrorelix acetate and HMG following Diane-35 pre-treatment for patients with polycystic ovary syndrome: a prospective randomized study. *Hum Reprod*. 2004 Sep;19(9):1993–2000. Epub 2004 Jul 29.
 30. Chien LW, Lee WS, Au HK, Tzeng CR. Assessment of changes in utero-ovarian arterial impedance during the peri-implantation period by Doppler ultrasonography in women undergoing assisted reproduction. *Ultrasound Obst Gyn* 23:496–500, 2004.
 31. Ming-Ping Wu, Ching-Cherng Tzeng, Li-Wha Wu, Kuo-Feng Huang, Cheng-Yang Chou: The thrombospondin-1 acts as a fence to inhibit angiogenesis that occurs during cervical carcinogenesis. *Cancer J* 10(1):27–32;2004..
 32. Meng-Hsing Wu, M.D., Mei-Feng Huang, B.S., Shaw-Jenq Tsai, Ph.D., Hsien-An Pan, M.D., Yueh-Chin Cheng, B.S., Yue-Shan Lin, M.D. Effects of laparoscopic ovarian drilling on young adult women with polycystic ovary syndrome. *J Am Assoc Gynecol Laparosc* 2004; 11(2):184–190.
 33. Chia-Woei Wang, Ding-Shyan Yao, Shang-Gwo Horng, Hsiao-Chen Chiu, Chun-Kai Chen, Chyi-Long Lee, Hong-Yuan Huang, Hsin-Shih Wang, and Yung-Kuei Soong. Feasibility of human telomerase reverse transcriptase mRNA expression in individual blastomeres as an

indicator of early embryo development.

Journal of Assisted Reproduction and Genetics. 21 (5): 163-168, 2004

34. Chia-Woei Wang, Ying-Ming Lai, Ping-Ru Chan, Shang-Gwo Horng, Chia-Lin Chang, Chun-Kai Chen, Hsien-Ming Wu, Hong-Yuan Huang, Hsin-Shih Wang, and Yung-Kuei Soong. Resumption of meiosis-I after transfer of mouse primordial oocytes from frozen-thawed ovarian tissue to enucleated preovulatory oocytes: A preliminary report. Journal of Assisted Reproduction and Genetics 19(10): 491-497, 2002
35. Hsieh RH, Tsai NM, Au HK, Chang SJ, Wei YH, Tzeng CR. Multiple rearrangement of mitochondrial DNA in unfertilized human oocytes. Fertil & Steril. 2002;77:1012-1017.
36. Chien LW, Au HK, Chen PL, Xiao J, Tzeng CR. Assessment of uterine receptivity by endometrial-subendometrial blood flow distribution pattern in in-vitro fertilization and embryo transfer. Fertil Steril 78: 245-251, 2002.

(曾啟瑞 主任/教授)

Department of Obstetrics and Gynecology

History and Overview

The Department of Obstetrics and Gynecology offers courses covering Obstetrics, Gynecology, Infertility and Reproductive Endocrinology. Professional knowledge, clinical practice, and research methodology are the focuses of these courses. They help providing students with better clinical management skills.

Faculty

Academic Appointment	Name
Professor	曾啟瑞、許淳森、黃建榮
Associate Professor	劉偉民、鄭丞傑、戴承杰、簡立維、吳銘斌
Assistant Professor	林鈺山、黃文貞、徐明義、王家瑋、楊振銘

Goal of Education

There are core courses for students during their clerkships and internships. Each student is required to complete a series of clinical competence which employs comprehensive educational resources at the affiliated hospitals. The clinical departments arrange morning meetings, case presentations, seminars on a daily basis for four weeks. Domestic or foreign specialists in different fields are also invited regularly.

Distinctive Feature of Education

Our goal is to fulfill each student's potential so that the student may determine the future direction. We emphasize on holistic teaching, and encourage teachers to provide optimum medical care through researches. We also continuously hold various national and international seminars for teachers to improve their teaching technique and professional knowledge. We aim to achieve the quality requirements of world-class university. We provide excellent training through the following facilities and equipments.

Gynecology: Color Doppler Ultrasound, colposcopy, hysteroscopy, urodynamic system, laparoscopy.

Obstetrics: Real-time 4D ultrasound, continuous electronic fetal monitoring with central control system.

Infertility: In vitro fertilization (IVF) laboratory equipped with phase contrast inverted microscope, laminar flow, CO2 Incubator, centrifuge, computerized Freezer, micromanipulator; laparoscopy-guided oocyte retrieval system; transvaginal ultrasound guided oocyte retrieval system.

Visiting Professor	Benjamin K. Tsang、R. Jeffrey Chang、Yuji Taketani、梁仲果、劉宗元、薛人望
Adjunct Professor	楊育正、謝孟雄
Adjunct Associate Professor	王國恭、李建南、郭宗明、黃順賢、歐名哲、蘇聰賢
Adjunct Assistant Professor	何志明、李國光、許耿福、陳勝咸、黃莉文、蔡永杰
Adjunct Instructor	仇思源、王國華、王瑞生、區慶建、張紅淇、鄺源貴、劉錦成、蔡明松、鄭志堅
Adjunct Clinical Professor	邱孝震、高銓煙、蔡明賢
Adjunct Clinical Associate Professor	阮正雄、徐弘治、張景文、梁守蓉、陳樹基、黃國峰
Adjunct Clinical Assistant Professor	張君堯、賴宗炫
Adjunct Clinical Instructor	王三郎、林國昭、簡翊鈞

Distinctive Feature of Research:

The assisted reproductive technology is the most sophisticated and specialized field in our department. The Center for Reproductive Medicine & Sciences was founded in 1993. It is one of the best in the country and well-known internationally. At the same time our research institute admitted post-graduate students, and started a PhD program in 1997. With our clinical and basic researches, our institute has advanced to be the best center of obstetrics and gynecology related studies. The present goals of our center are to conduct state-of-the-art researches in endometriosis, androgen receptor, implantation, and gene expression in embryonic development, uterine myoma and ageing. We have the most advanced system for laparoscopic surgery, and our laparoscopic techniques are outstanding in their novelties. The gynecologic team is part of the Cancer Center of the Taipei Medical University. A study focusing on ovarian cancer is currently being conducted. Our Obstetric team just established a new labor and delivery and a central fetal monitoring system to ensure the quality service. (Chii-Ruey Tzeng, Director/Professor)

小兒學科

簡史及概況

臺北醫學大學小兒科是於民國四十九年學校設立初期即有。早期有蕭柳青教授擔任主任，至附設醫院成立後均由小兒科主任兼任。其中林守田教授擔任最久也

完成小兒學科各項教學研究之規模。民國八十六年首任主任林教授退休後，繼任之許薰惠醫師為兒童內分泌專家。1991 年葉健全教授由美國 Duke 大學獲得博士學位回來服務，於 2002 年接主任。民國 97 年 10 月雙和醫院成立，北醫自此時起有北萬雙和三院兒科部。

教學目標

注重一般兒科學的基礎教育，特別是正常與不正常兒童發育以及各兒科次專科領域的基本知識。使學生具備基礎兒科學知識特別是兒童發展兒童預防醫學臨床教學強調熟習一般兒科疾病之診斷與治療鼓勵學生自我進修、主動及終生學習。培養學生對病童及家屬應具備的舉止及責任心，並恪遵醫學倫理之準則。

教學特色

藉由病房、嬰兒室、急診室及門診的實際工作經驗，來學習醫學知識與臨床經驗，並寓學習於服務，培養良好醫病關係。發展以問題導向方式之臨床教學，經由主動學習與回饋，加強人性化醫療之知識、技能與態度，建立全人醫療觀念。藉由 e 化教學系統補助課堂教學之不足。

師資

專任教員包括教授 2 名，專任副教授 1 名，專任助理教授 2 名，專任講師 3 名；兼任教員包括教授 4 名，兼任副教授 2 名，兼任助理教授 3 名，兼任講師 11 名。專業次專科含蓋有新生兒科、兒童胸腔專科、小兒感染科、小兒腸胃科、小兒血液腫瘤科、小兒神經科、小兒氣喘過敏科、小兒遺傳科、小兒內分泌科、小兒心臟科、小兒腎臟科。

研究特色

本學科致力於加強和促進兒童研究和促進科學發展，藉由研究及利用流行病學之統計，致力於創造新的知