

臨床齒顎矯正學(1)

一、招生班別：顱顏口腔醫學研究所碩士學分班

二、課程簡介：

課程簡介	本課程為包括研一及研二，共 2 年、4 學期的課程。其主要內容為經典文獻回顧、與臨床病例討論。 1.經典文獻回顧部份包括 4 個主題： ABO 指定研讀之經典文獻、TBO 指定研讀 之經典文獻、以及顱顏矯正科指定研讀之 part I & II 文獻。其內容有顱顏生長發育、牙齒齒列生長變化、診斷與齒顎矯正治療計劃之擬定、測顱 X 光分析、牙齒齒列矯正之生物與組織學、齒顎矯正技術與裝置、生物力學、材料學、治療結果之評估、固位與穩定性、研究方法、正顎手術之設計與矯正之執行、唇顎裂之治療、與顱顏畸型等。 2.病例討論包括 2 部份：研究生病例報告、授課教師授課。研究生病例報告須報告病例之主述、臨床表徵、病例之問題、診斷、治療目標、治療計劃、計劃使用之顎矯正技術與裝置、治療經過與現況等。研究生報告之病例（可由授課教師指定），最好須與文獻回顧主題相關之病例，例如第一、二、三類咬合之拔牙與不拔牙之病例、功能性裝置之治療、深咬、開咬、正顎手術之病例、矯正植體治療之病例、與唇顎裂之治療。授課教師授課之內容為針對相關病例報告之診斷、治療時機與治療計劃、顎矯正裝置之選擇、治療技術、生物力學、臨床技巧、固位與穩定性等之臨床考量。
教學目標	教學目標一：經由對經典研究文獻的回顧及討論，訓練研究生研讀以及評論文獻的方法，並進而培養其提出問題、建立假設、設計研究、執行研究的能力。 教學目標二：藉由與文獻回顧相關的臨床病例報告以及討論，訓練研究生對齒顎矯正病例診斷、詳列問題、訂定治療目標、治療計劃之能力、熟悉當代之各項種齒顎矯正治療之原則，並從討論中激發出新的觀點與思維、培養研究生研發新的齒顎矯正治療原則、技術、與裝置的能力。

教學方法	☒ 演講 ☐ 問答 ☐ 團體討論 ☐ 分組討論 ☒ 個案研討 ☐ 示範 ☐ 研習會 ☐ 角色扮演 ☐ 視聽教學 ☐ 腦力激盪 ☐ 活動教學 ☒ 其他：文獻回顧、報告及討論
成績考核	1. 平時報告成績 30% 2. 作業成績 30% 3. 期末報告成績 40%
教科書	1. Contemporary Orthodontics (W. R. Proffit), 4th edition (Essential for TBO examination) 2. Orthodontics, Current principles and Techniques (TM Graber), 4th edition (Essential for TBO examination) 3. TBO reading assignment (Essential for TBO examination) 4. Craniofacial reading assignment by the DPT of Orthodontics & Craniofacial Dentistry
參考書(講義)	1. Craniofacial Distraction Osteogenesis (ML Samchukov) 2. OrthoTADs, the Clinical Guide & Atlas (JB cope) 3. ABO reading assignement
教師簡介	劉人文／長庚大學顱顏口腔醫學研究所助理教授／美國伊利諾大學碩士 柯雯青／長庚大學顱顏口腔醫學研究所教授／美國伊利諾大學碩士 廖郁芳／長庚大學顱顏口腔醫學研究所教授／英國倫敦大學博士 陳慧玲／林口長庚醫院齒顎矯正科主治醫師／美國聖路易大學矯正研究所碩士 吳德儒／高雄長庚牙科部副主任／長庚大學顱顏口腔醫學研究所碩士

三、收費標準：每學分每人 6,000 元，報名費每人 500 元

四、上課時間：114 年 09 月 01 日起 每星期一 17:10~20:00

五、上課地點：長庚大學教室

六、授課大綱：

週次	上課日期	開始/結束時間	時數	授課大綱	授課教師
1	114/09/01	臨床齒顎矯正學 17:10~18:00	3	Non-compliant anchorage control in vertical & transverse dimension	劉人文

		文獻回顧 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
2	114/09/08	臨床齒顎矯正學 17 : 10~18 : 00	3	Non-compliant anchorage control in sagittal dimension	劉人文
		文獻回顧 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
3	114/09/15	臨床齒顎矯正學 17 : 10~18 : 00	3	Clinical considerations in Class I cases with bimaxillary protrusion	陳慧玲
		文獻回顧 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
4	114/09/22	臨床齒顎矯正學	3	AI application in orthodontics	吳德儒

		17 : 10~18 : 00			
		文獻回顧 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
5	114/09/29	臨床齒顎矯正學 17 : 10~18 : 00	3	Clinical considerations in Class II D1 cases	柯雯青
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
6	114/10/06	17:10~20:00	3	中秋節放假 Tweed Typodont Course 2 Set 1, Set 2, Set 3	柯雯青
7	114/10/13	臨床齒顎矯正學 17 : 10~18 : 00	3	Clinical considerations in Class III extraction cases	廖郁芳
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation		研究生一位報告 A case report by a designated graduate student on his/her assigned	

		19:10-20:00		cases	
8	114/10/20	臨床齒顎矯正學 17:10~18:00	3	Clinical considerations in Class III non-extraction cases	廖郁芳
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
9	114/10/27	臨床齒顎矯正學 17:10~18:00	3	Closure of edentulous space: periodontal, prosthodontic, and orthodontic considerations	劉人文
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
10	114/11/03	彈性學習教學 Alternative Curriculum 09:00-17:00	3	Attend the 2023 APCA & Chang Gung Forum	劉人文
11	114/11/10	臨床齒顎矯正學 17:10~18:00	3	Comprehensive non-surgical orthodontic treatment in adult dentoalveolar protrusion	劉人文
		文獻回顧 Reading Assignments		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board	

		18:10-19:00		exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
12	114/11/17	臨床齒顎矯正學 17 : 10~18 : 00	3	Comprehensive non-surgical orthodontic treatment in adult open bite & Class II high angle cases	劉人文
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
13	114/11/24	臨床齒顎矯正學 17 : 10~18 : 00	3	Comprehensive non-surgical orthodontic treatment in adult Class III patients	劉人文
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	

14	114/12/01	17：10~20：00	3	Attend the 2023 Annual Meeting of Taiwan Association of Orthodontists	劉人文
15	114/12/08	臨床齒顎矯正學 17：10~18：00	3	Comprehensive non-surgical orthodontic treatment in adult facial asymmetry patients	劉人文
		文獻回顧 Reading Assignments 18:10-19:00		2 位研究生位報告 4 reading articles in sequence of the latest version of TBO board exam reading articles each time: reported by 2 designated graduate students, and each article should be presented within 15 minutes	
		病例研究 Case presentation 19:10-20:00		研究生一位報告 A case report by a designated graduate student on his/her assigned cases	
16	114/12/15	17：10~20：00	3	Final examination: Case-based Scenario examination	劉人文
17			3	彈性學習: Online Student submission of a recording presentation	劉人文
18			3	彈性學習: Online Student submission of a recording presentation	劉人文

※以上師資與課程內容時間場地等僅供參考，若有異動以各系所公告為主。