

# 國立臺灣大學醫學院職能治療學系 101 學年度 進階職能治療理論課程大綱

授課教師：林克忠教授、謝清麟教授、曾美惠教授、潘瓊琬副教授、薛漪平副教授、  
張彧助理教授、毛慧芬助理教授、陳顥齡助理教授、黃小玲助理教授、  
王湑妮助理教授、吳建德助理教授

上課時間：每週一上午 9:10~12:00

上課地點：臺大職能治療學系 422 討論室

課程目標：

「理論」是解釋與預測現象所需，且是建立研究假設的重要基礎。本課程旨在介紹當代職能治療學的相關理論系統，由教師講授專門領域的理論基礎及研究應用，剖析職能治療理論的應用趨勢，並討論現今文獻的理論基礎、研究假設、與實務意涵，以充實同學從事研究所需之學理基礎。修畢本課程後，同學將認識所屬研究領域的理論體系。

| 週次 | 日期    | 主題                                               | 授課教師             | 備註              |
|----|-------|--------------------------------------------------|------------------|-----------------|
| 一  | 9/10  | 課程簡介、理論的類別與功能<br>神經復健理論與研究應用 (3 hrs)             | 林克忠 老師           | 開學              |
| 二  | 9/17  | 認知神經科學理論與方法導論 I (3 hrs)                          | 吳建德 老師           |                 |
| 三  | 9/24  | 認知神經科學方法導論 II (3 hrs)                            | 吳建德 老師           |                 |
| 四  | 10/1  | 復健參考架構的理論與應用                                     | 黃小玲 老師           |                 |
| 五  | 10/8  | 兒童發展理論與參考架構 I (3 hrs)                            | 王湑妮 老師           |                 |
| 六  | 10/15 | 兒童發展理論與參考架構 II (3 hrs)                           | 王湑妮 老師           |                 |
| 七  | 10/22 | 動作學習理論 (3 hrs)                                   | 毛慧芬 老師           |                 |
| 八  | 10/29 | 生物力學與動作分析理論 (3 hrs)                              | 陳顥齡 老師           |                 |
| 九  | 11/5  | 動作控制理論與神經發展理論 (3 hrs)                            | 毛慧芬 老師           |                 |
| 十  | 11/12 | 感覺統合理論的新趨勢 I (3 hrs)                             | 曾美惠 老師           |                 |
| 十一 | 11/19 | 感覺統合理論的新趨勢 II (1 hr)<br>人類職能模式：現今趨勢與研究 I (2 hrs) | 曾美惠 老師<br>潘瓊琬 老師 |                 |
| 十二 | 11/26 | 人類職能模式：現今趨勢與研究 II (3 hrs)                        | 潘瓊琬 老師           |                 |
| 十三 | 12/3  | 職業重建與職能治療 I (3 hrs)                              | 張彧 老師            |                 |
| 十四 | 12/10 | 職業重建與職能治療 II (1 hr)<br>功能與健康之國際分類 I (2 hrs)      | 張彧 老師<br>薛漪平 老師  |                 |
| 十五 | 12/17 | 功能與健康之國際分類 II (3 hrs)                            | 薛漪平 老師           |                 |
| 十六 | 12/24 | 現代測驗理論與電腦適性測驗之概念與應用                              | 謝清麟 老師           |                 |
| 十七 | 12/31 | 調整放假(12 月 22 日補上班上課)                             | 林克忠 老師           |                 |
| 十八 | 1/7   | 課程總結：<br>邁向以現代科研理論為基礎的職能治療研究                     | 林克忠 老師           | 期末考試開始(至 11 日止) |

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教師討論時間：課後或另約時間。

評分標準：

（1） 課堂作業/報告 80%。

請修課同學各依研究興趣領域選擇「報告指導教師」（請擇定合授課十一位教師之一），依教師建議或要求繳交期末報告，並由指導教師評分。

期末書面報告由同學選定感興趣且與研究領域相關之理論，加以描述，如：該理論與研究領域之理論原則 (principles)、假設 (assumptions) 或預測 (predictions)、操作或評量工具 (instruments)、實務應用 (practical use)、相關研究 (relevant literature)。報告長度建議 **12 頁以內**（跳行打字，不含圖表與參考文獻），參考文獻格式建議採用美國心理學會 (American Psychological Association, APA) 著作格式。

（2） 課堂參與 20%，由各授課老師評分。

請同學預讀、複習教師指定或發放之讀物，並參與課堂討論及作業。若有疑問，請約教師討論或以 email 討論。

（3） 未經「報告指導教師」同意，期末報告逾期 14 天以上繳交者需重修。

參考讀物：

林克忠老師

1. Lin, K-C., Wang, T-N., Wu, C-Y., Chen, C-L., Chang, K-C., Lin, Y-C., & Chen, Y-J. (2011). Effects of home-based constraint-induced therapy versus dose-matched control intervention on functional outcomes and caregiver well-being in children with cerebral palsy. Research in Developmental Disabilities, 32, 1483-1491.
2. Liao, W-W.<sup>†</sup>, Wu, C-Y.<sup>†</sup>, Hsieh, Y-W., Lin, K-C.\* & Chang, W-Y. (2012). Effects of robot-assisted upper limb rehabilitation on daily function and real-world arm activity in patients with chronic stroke: a pilot randomized controlled trial. Clinical Rehabilitation, 26, 111-120.
3. Hsieh, Y-W., Wu, C-Y., Liao, W-W., Lin, K-C., Wu, K-Y., & Lee, C-Y. (2011). Effects of treatment intensity in upper limb robot-assisted therapy for chronic stroke: a pilot randomized controlled trial. Neurorehabilitation and Neural Repair, 25, 503-511
4. Liao, W-W., Lin K-H., Hsieh, W-Y., Chuang, L-L., Wu, C-Y. & Lin, K-C. (2010). Effects of robot-assisted therapy in stroke rehabilitation: a systematic review of randomized controlled trials. Formosan Journal of Physical Therapy, 35, 126-138
5. Lo, M-W., Huang, S-K., Lin, K-C., & Wu, C-Y. (2010). Effects of mirror therapy in clinical practice and possible brain mechanisms: a literature review. Journal of Taiwan

**潘瓊琬老師**

(Please read them before the class) (Please hand in a short essay within 7 days critiquing the model as the assignment for this session)

***Model of Human Occupation***

1. Kielhofner G, Burke JP. (1980). A model of human occupation, part 1. Conceptual framework and content. *American Journal of Occupational Therapy*, 34, 572-581.
2. Kielhofner G. (1980). A model of human occupation, part 2. Ontogenesis from the perspective of temporal adaptation. *American Journal of Occupational Therapy*, 34, 657-663.
3. Kielhofner G. (1980). A model of human occupation, Part 3, benign and vicious cycles. *American Journal of Occupational Therapy*, 34, 731-737.
4. Kielhofner G, Burke JP, Igi CH. (1980). A model of human occupation, Part 4. Assessment and intervention. *American Journal of Occupational Therapy*, 34, 777-788.
5. Kielhofner, G. (2002)(3rd Ed.). *The Model of Human Occupation*. Baltimore, MD: Williams & Wilkins. Chapter 1~3.
6. Kielhofner, G. (2008)(4th Ed.). *Model of Human Occupation*. Chapter 14. Baltimore, MD: Williams & Wilkins.
7. Kielhofner, G., Bowyer, P., Béelanger, R., Briand, C, Kinébanian, A., Launiainen, H., Marcoux, C., Mentrup, C., Tigchelaar, E., Pan, A. W., Yamada, T., Nakamura-Thomas, H., Ziv, N. (2008). International Efforts to Disseminate and Develop the Model of Human Occupation. *Occupational Therapy in Health Care*.

**毛慧芬老師**

1. Shumway-Cook, A. & Woollacott, M. H. (2007). *Motor control: Translating research into clinical practice* (3rd ed). Baltimore: Lippincott Williams & Wilkins. Chapter 1.
2. Schmidt R. A. & Wrisberg C. A. (2004). *Motor Learning and Performance* (3rd ed). Human Kinetics. Champaign. Chapter 4, 5, 9, 10.

**薛漪平老師**

1. David B. Gray, PhD, Gerry E. Hendershot, PhD. (2000). The ICIDH-2: Developments for a New Era of Outcomes Research. *Arch Phys Med Rehabil*, 81, S10-S14.
2. Hurst R. (2003). The international disability rights movement and the ICF. *Disabil Rehabil.*, 25, 572-576.
3. International classification of functioning, disability and health. (2001). *World Health Organization*.
4. Marijke W, De Kleijn-de Vrankrijker. (2003). The long way from the International Classification of Impairments, Disabilities and Handicaps (ICIDH) to the International Classification of Functioning, Disability and Health (ICF). *Disabil Rehabil.*, 25, 561-564.
5. Stucki G, Ewert T. (2002). Value and application of the ICF in rehabilitation medicine.

*Disabil Rehabil.*, 24, 932-938.

6. Schneidert M, Hurst R, Miller J. (2003). The role of environment in the international classification of functioning, disability and health. *Disabil Rehabil.*, 25, 588-595.

#### 張彥老師

Ross J (2007). Occupational therapy and vocational rehabilitation. West Sussex, England: John Wiley & Sons Ltd.

#### 曾美惠老師

Bundy, AC, Lane SJ, Murray EA, (2002). Sensory Integration: Theory and practice. 2nd ed. Philadelphia: FA Davis Company.

1. Mulligan, S. (1998). Patterns of sensory integration dysfunction: A confirmatory factor analysis. *American Journal of Occupational Therapy*, 52(10), 819-828.
2. Lai, J. S., Fisher, A. G., Magalhaes, L. C., & Bundy, A. C. (1996). Construct validity of the Sensory Integration and Praxis Test. *The Occupational Therapy Journal of Research*, 16(2), 75-97.
3. Mailloux, Z. (1990). An overview of the sensory integration and praxis tests. *American Journal of Occupational Therapy*, 44(7), 589-594.
4. Varga, S., & Camilli, G. (1999) A meta-analysis of research on sensory integration intervention. *American Journal of Occupational Therapy*, 53, 189-198.

#### 陳穎齡老師

1. Winter, D.A. Biomechanics and Motor Control of Human Movement, John Wiley & Sons, Inc., 2005
2. Perry, J., Gait Analysis: Normal and Pathological Function, SLACK, 1992
3. Nordin, Margareta and Frankel Victor H, Basic biomechanics of the musculoskeletal system, Philadelphia : Lippincott Williams & Wilkins, 2001.
4. Mow, V.C. and Hayes, W.C. Basic Orthopaedic Biomechanics, 2nd Edition, Lippincott-Raven, New York, 1997
5. Zatsiorsky, V.M., Kinematics of Human Motion, Human Kinetics, Leeds, 1998
6. Craik, R.L., and Oatis, C.A., Gait Analysis: Theory and Application, Mosby, 1995

#### 王湑妮老師：

1. Kramer, P. & Hinojosa, J. (2010). Frames of Reference for Pediatric Occupational Therapy (3rd ed). Baltimore: Lippincott Williams & Wilkins.
2. Slater, A. Hocking, I. & Loose, J. (2011). Theories and issues in child development. In A. Slater & G Bremner (Eds), An Introduction to Developmental Psychology, 2nd (pp. 34-63). Wiley, John & Sons, Incorporated.

3. Hadders-Algra, M. (2000). The neuronal group selection theory: A framework to explain variation in normal motor development. *Developmental Medicine & Child Neurology*, 42, 566–572.
4. Hadders-Algra, M. (2000). The neuronal group selection theory: Promising principles for understanding and treating developmental motor disorders. *Developmental Medicine & Child Neurology*, 42, 707-715.

**謝清麟老師：**

授課前一週之週五中午之前，請同學完成閱讀作業（詳論文首頁，如附檔），並 e-mail 給謝老師。

1. Jette, A. M., & Haley, S. M. (2005). Contemporary measurement techniques for rehabilitation outcomes assessment. *J Rehabil Med*, 37(6), 339-345.
2. Hsueh, I. P., Chen, J. H., Wang, C. H., Chen, C. T., Sheu, C. F., Wang, W. C., et al. (2010). Development of a computerized adaptive test for assessing balance function in patients with stroke. *Phys Ther*, 90(9), 1336-1344.

**黃小玲老師：**

1. Seidel A.C.: Rehabilitative Frame of Reference in Neistadt M.E., Crepeau E.B. (2003) Willard & spackman's occupational therapy 10<sup>th</sup> ed. Lippincott Williams& Wilkins.
2. A'Campo, L.E., et al., The benefits of a standardized patient education program for patients with Parkinson's disease and their caregivers. *Parkinsonism Relat Disord*, 2010. 16(2): p. 89-95.
3. Tickle-Degnen, L., et al., Self-management rehabilitation and health-related quality of life in Parkinson's disease: a randomized controlled trial. *Mov Disord*, 2010. 25(2): p. 194-204.
4. Wade, D.T., et al., Multidisciplinary rehabilitation for people with Parkinson's disease: a randomised controlled study. *J Neurol Neurosurg Psychiatry*, 2003. 74(2): p. 158-62.