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Education & Training:

10/1987 ~ 6/1994 College of Medicine

National Taiwan University, Taiwan

Degree received: M.D.

7/1993 ~ 6/1994 Internship

National Taiwan University Hospital

(10/1994 ~ 6/1996) (Obligated) 2<sup>nd</sup> lieutenant, Navy, Taiwan

6/1996~ 7/1997 Residency: Radiology

Department of Radiology

Veteran General Hospital, Taipei, Taiwan

7/1997~7/1999 Residency: Orthopedic Surgery

Department of Orthopedic Surgery

National Taiwan University Hospital

8/1999~ 6/2002 Residency, Radiation Oncology

Department of Oncology,

National Taiwan University Hospital

9/2002~2/2008 PhD

Institute of Preventive Medicine,

College of Public Health

National Taiwan University, Taiwan

9/2009 – 8/2010 Sister Institution Associate

Section of Health Services Research, Department of Biostatistics

and Department of Radiation Oncology, MD Anderson Cancer

Center, Houston, USA

Licensure

Taiwan Physician's License No. 24897

Board Certification

Certificate in Radiation Oncology, Taiwan Society for Therapeutic Radiology and Oncology, R.O.C, No 142, (2002.10.4~2020.10.3)

Certificate in Lung Cancer, Taiwan Lung Cancer Society, No 049,(2005.4.14~2017.4.15)

#### Professional Experience

7/2002~12/2007 Staff Physician

Division of Radiation Oncology

Department of Oncology

National Taiwan University, Taiwan

1/2008~now Staff Physician

Department of Radiation Oncology

China Medical University Hospital, Taiwan

#### Professional Associations:

2002~ Radiological Society, Republic of China: member

2002~ Chinese Society for Therapeutic Radiology and Oncology, R.O.C: member

2003~ Taiwan Lung Cancer Society: member

2009~ International Society for Pharmacoeconomics and Outcomes Research (ISPOR): member (14107)

2013~ Editorial board members, Journal of Tumor

2015~ Editorial board members, Journal of Respiratory Research

#### Academic appointment:

6/2003~ 6/2004 Clinical Tutor, Department of Medicine, National Taiwan University, Taiwan

9/2008~ 8/2011 Assistant Professor, Department of Radiation Oncology, School of Medicine, Chinese Medical University

9/2011~ 8/2016 Associate Professor, Department of Radiation Oncology, School of Medicine, College of Medicine, Chinese Medical University

9/2016 ~ now, Associate Professor, Department of Radiation Oncology, School of

Medicine, and Graduate Institute of Biomedical Sciences, College of Medicine, China Medical University

#### Honors and Awards

Recipient of Best Physician Awards, China Medical University Hospital, 2008 & 2011.

#### Publications:

- (1) Wang CL\*, Wu CT, Chien CR, Hang YS  
PAGET'S DISEASE OF TIBIA .Journal of the Formosan Medical Association 1999;  
98(6): 444-447 (SCI)
- (2) Chien CR, Shih TTF, Wu CC, Tsai YS, Sun JS, Hou SM\*.  
MRI MEASUREMENT OF MEDIAN NERVE COMPRESSION IN CARPAL  
TUNNEL SYNDROME  
J Ortho Surg R.O.C 2000; 17(1): 35-40
- (3) Chien CR, Chen SW, Hsieh CY, Hunaf CY and Lin FJ\*.  
Postoperative adjuvant radiotherapy for adult patients with soft tissue sarcoma.  
(Chinese). Therapeut Radio Oncol 2000; 7(1):15-20.
- (4) Chien CR, Chen SW, Lin FJ\*  
Clinical target volume of high-grade glioma. Radiother Oncol 2001  
Feb;58(2):219-20 [SCI-letter]
- (5) Chien CR, Chen SW, Hsieh CY, Liang JA, Yang SN, Huang CY and Lin FJ\*.  
Intra-thoracic Failure Pattern and Survival Status Following 3D Conformal  
Radiotherapy for Non-small Cell Lung Cancer: a Preliminary Report. Jpn J Clin  
Oncol 2001;31(2) 55-60. (SCI)
- (6) Chien CR, Chen SW, Hsieh CY, Liang JA, Yang SN, Huang CY and Lin FJ\*.  
Retrospective comparison of the AJCC 5<sup>th</sup> Edition Classification for  
Nasopharyngeal Carcinoma with the AJCC 4<sup>th</sup> Edition --An Experience in Taiwan.  
Jpn J Clin Oncol 2001;31(8): 363-9 (SCI)
- (7) Chien CR, Chen SW, Hsieh CY, Liang JA, Yang SN, Huang CY and Lin FJ\*.  
Local Regional Relapse Patterns and Survival Status Following Postoperative

Adjuvant Radiotherapy for Buccal Cancer--A Preliminary Retrospective Report.J  
Jpn Soc Ther Radiol Oncol 2001; 13:139-43

(8) Chien CR, Uen WC, Chen SW, Hsieh CY, Lin FJ\*

Local radiotherapy can improve the obstructive jaundice caused by metastatic  
hepatic hilar lymph nodes in metastatic nasopharyngeal carcinoma patients. J Jpn  
Soc Ther Radiol Oncol 2002; 14:39-41

(9) Chien CR, Ting LL, Chung NN, Lui LT\*

Local Regional Relapse Patterns and Survival Status Following Postoperative  
Adjuvant Radiotherapy for Buccal Cancer.Chin J Radiol 2003; 2003;28:9-15

(10)Chien CR, Hsu YC, Wang YC, Ting LL\*. Clinical risk factors of radiation  
pneumonitis after 3D conformal radiotherapy for lung cancer Chin J Radiol 2005;30:  
25-29

(11) Chien CR, Ting LL, Hsieh CY, Lai MS\*. Post-radiation Pap smear for patients  
with cervical cancer: experience during 10 years' follow-up. European J  
Gynecological Oncology 2005; 26(6):619-22. (SCI)

(12) Wang YC, Ting LL, Chien CR et al. Radiotherapy in the management of localized  
classic Kaposi's sarcoma. Therapeut Radio Oncol 2005; 12(3):199-206.

(13) Chien CR, Yang CH\* .Thoracic radiotherapy for stage IV non-small cell lung  
cancer. Radiother Oncol 2006;78(1):110. (SCI-letter)

(14) Chien CR., Lai MS\*. Trend in the pattern of care for lung cancer and its correlation  
with new cilinical evidences: Experience of 4565 patients in an  
university-affiliated medical center from 1991 to 2002. 2006 ; Am J Med  
Qual 2006;21:408-414 (SCI)

(15) Kuo SH, Cheng JCH\*, Huang CS, Kuo WH, Chien CR, Ting LL, Cheng AL,  
Chang KJ, Lai MK. Treatment outcome and patterns of failure in breast cancer  
patients with locoregional recurrence after mastectomy. Therapeut Radio Oncol  
2006; 13(3):163-173.

(16) Chien CR., Chang YL, Lin D, Yang RS\*. Excellent Survival of Pediatric  
Dermatofibrosarcoma Protuberans in Taiwanese. Pediatr Surg Int 2007; 23:  
211-214. (SCI)

(17)Chien CR, Yu CJ\*. Involved-field radiotherapy in limited-stage small-cell lung

- cancer. Br J Cancer 2007; 97: 275 (SCI-letter)
- (18) Gow CH, Chien CR, Chang YL, Chiu YH, Kuo SH, Shih JY\* et al. Radiotherapy in Lung Adenocarcinoma with Brain Metastases: Effects of Activating Epidermal Growth Factor Receptor Mutations on Clinical Response. Clin Cancer Res 2008; 14:162-168 (SCI)
- (19) Chien CR, Chen THH\*. Mean Sojourn Time and Effectiveness of Mortality Reduction for Lung Cancer Screening with Computed Tomography. Int J Cancer 2008 ; 122: 2594-9 (SCI)
- (20) Chien CR, Lai MS, Chen THH\*. Estimation of Mean Sojourn Time for Lung Cancer by Chest X-ray screening with a Bayesian Approach. Lung Cancer 2008; 62(2): 215-220 (SCI)
- (21) Chien CR, Tsai CM, Tang ST, Chung KP, Chiu CH, Lai MS\*. Quality of care for lung cancer in Taiwan: a pattern of care study based on core measure of Taiwan Cancer Database Registry. J Formos Med Assoc 2008; 107(8): 635-643 (SCI)
- (22) Chien CR, Chen CY, Liang JA\*. Re: Intensity-Modulated Radiation Therapy Dose Prescription, Recording, and Delivery: Patterns of Variability Among Institutions and Treatment Planning. J. Natl. Cancer Inst 2008; 100(17): 1263-7 (SCI-letter)
- (23) Yen RF, Yen MF, Hong RL, Tzen KY, Chien CR, Chen THH\*. The Cost-utility Analysis of 18-Fluoro-2-Deoxyglucose Positron Emission Tomography in the Diagnosis of Recurrent Nasopharyngeal Carcinoma. Acad Radiol 2009; 16: 54-60. (SCI)
- (24) Chien CR, Chen SW, Chen WTL\*. Radiation fields of neoadjuvant concurrent chemoradiotherapy for rectal cancer: in regard to Yu et al. (Int J Radiat Oncol Biol Phys 2008;71:1175- 1180). Int J Radiat Oncol Biol Phys. 2009 Feb 1;73(2):639 (SCI-letter)
- (25) Chien CR, Chen THH\*. A Bayesian model for age, period, and cohort effects on mortality trends for lung cancer, in association with gender-specific incidence and case-fatality rates. J Thorac Oncol 2009; 4(2): 167-171 (SCI)
- (26) Chien CR, Lin CY, Chen CY\*. Re: Incidence of Adenocarcinoma of the Esophagus Among White Americans by Sex, Stage, and Age. J. Natl. Cancer Inst 2009; 101:1428 (SCI-letter)

- (27) Chien CR, Yang ST, Chen CY, Fang HY, Tu CY, Tseng GC, Yu YH, Chen HJ, Ho CT, Hsieh CY, Chen HN, Chen PR, Liu JC, Wang YC, Wu HH, Hsia TC\*. Impact of the new lung cancer staging system for a predominantly advanced-disease patient population. J Thorac Oncol 2010; 5:340-3 (SCI)
- (28) Shih YCT\*, Chien CR, Xu Y, Pan IW, Smith GL, Buchholz TA. Economic Burden of Renal Cell Carcinoma: Part I - An Updated Review. Pharmacoeconomics 2011; 29; 315-29.
- (29) Shih YCT\*, Chien CR, Xu Y, Pan IW, Smith GL, Buchholz TA. Economic Burden of Renal Cell Carcinoma: Part II- An Updated Analysis. Pharmacoeconomics 2011; 29: 331-41
- (30) Chien CR, Lin HW, Yang CH, Yang SN, Wang YC, Kuo YC, Chen SW, Liang JA. High case volume of radiation oncologists is associated with better survival of nasopharyngeal carcinoma patients treated with radiotherapy: a multifactorial cohort analysis. Clin Otolaryngol. 2011 Dec;36(6):558-65.(SCI)
- (31) Chien CR, Pan IW, Tsai YW, Tsai T, Liang JA, Buchholz TA, Shih YCT\*. Radiation Therapy After Breast-Conserving Surgery: Does Hospital Surgical Volume Matter? A Population-Based Study in Taiwan. Int J Radiat Oncol Biol Phys 2012;82: 43-51. (SCI)
- (32) Lin CC, Hsia TC, Chien CR\* (corresponding author) .3rd line Erlotinib for lung cancer in Asia may be as cost-effective as in the Western world. Lung Cancer. 2012 Jun;76(3):499-500 (SCI)
- (33) Chien CR, Shih YCT\*. Reconciling Cancer Care Costs Reported by Different Government Agencies in Taiwan: Why Costing Approach Matters? Value in Health Regional Issues ( 2 0 1 2 )1: 111-117.
- (34) Chien CR, Shih YCT\*. Economic evaluation of bevacizumab in the treatment of non-small cell lung cancer (NSCLC). Clinicoecon Outcomes Res. 2012;4:201-208
- (35) Chien CR, Su SY, Cohen L, Lin HW, Lee RT, Shih YCT\*. Use of Chinese Medicine among Survivors of Nasopharyngeal Carcinoma in Taiwan: A Population-Based Study. Integr Cancer Ther 2012;11: 221-31. (SCI)
- (36) Pan IW, Chien CR, Shih YCT\*. Development of the TCDB-NHIRD Linked

Database: What Can We Learn from the SEER-Medicare Database in the United States? Taiwan J Public Health 2012; 31: 311-3

- (37) Tsai HH, Lin HW\*, Chien CR, Li TC. Concurrent use of antiplatelets, anticoagulants, or digoxin with Chinese medications: a population-based cohort study. Eur J Clin Pharmacol 2013;69: 629-39 (SCI).
- (38) Chien CR, Shih YCT\*. Use of Personalized Decision Analysis in Decision Making for Palliative vs. Surgical Management of the Oldest-Old Patients With Localized Skin Cancer in a Culturally Sensitive Environment: A Case Study of a 96 Year Old Male Taiwanese Patient. J Pain Symptom Manage 2013;45: 792 - 797 (SCI)
- (39) Huang TC\*, Hsiao CY, Chien CR, Liang JA, Shih TC, Zhang GG. IMRT treatment plans and functional planning with functional lung imaging from 4D-CT for thoracic cancer patients. Radiat Oncol. 2013;8:3
- (40) Lai YL, Liang JA, Lin KH., Chien CR\*. High Dose Radiotherapy of An Esophageal Cancer Patient with Cardiac Pacemaker Implantation - A Case Report . Therapeut Radiol Oncol 2013; 20(3): 235-242
- (41) Fang HY, Chen CY, Wang YC, Wang PH, Shieh SH, Chien CR\* (corresponding author) Consistently lower narcotics consumption after video-assisted thoracoscopic surgery for early stage non-small cell lung cancer when compared to open surgery: a one-year follow-up study. Eur J Cardiothorac Surg. 2013; 43: 783-6. (SCI)
- (42) Hsia TC, Tu CY, Chen HJ, Chien CR\* (corresponding author). Effectiveness of Intensity-modulated Radiotherapy for Lung Cancer. Clin Oncol (R Coll Radiol) 2013 ;25:447-8 (SCI)
- (43) Chien CR, Liang JA, Chen JH et al. F-18 Fluorodeoxyglucose Positron Emission Tomography Screening for Lung Cancer: a Systematic Review and Meta-analysis. Cancer Imaging. 2013 Dec 14;13(4):458-65
- (44) Shen C, Chien CR, Geynisman DM, Smieliauskas F, Shih YC\*. A review of economic impact of targeted oral anticancer medications. Expert Rev Pharmacoecon Outcomes Res. 2014;14:45-69.
- (45) Wang LW, Hsiao CF, Chen WT, Lee HH, Lin TC, Chen HC, Chen HH, Chien

- CR, Lin TY, Liu TW. Celecoxib plus chemoradiotherapy for locally advanced rectal cancer: A phase II TCOG study. J Surg Oncol 2014 May;109(6):580-5. (SCI).
- (46) Tao-Wei Ke , Yu-Min Liao,Hua-Che Chiang,Sheng-Chi Chang, Pin-Hui Wang,Yi-Ya Chen, William Tzu-Liang Chen, Chun-Ru Chien\*(corresponding author). Effectiveness of Neoadjuvant Concurrent Chemoradiotherapy vs. Upfront Proctectomy in Clinical Stage II – III Rectal Cancer: a Population-Based Study. Asia Pac J Clin Oncol. 2014 Jan 24. doi: 10.1111/ajco.12172. [Epub ahead of print] (SCI)
- (47) Chun-Ru Chien\*(corresponding author), Te-Chun Hsia, Chih-Yi Chen. Cost-Effectiveness of Chemotherapy Combined with Thoracic Radiotherapy vs Chemotherapy alone for Limited Stage Small Cell Lung Cancer: a Population-Based Propensity-Score Matched Analysis. Thoracic Cancer 2014 ; 5: 530–536. (SCI)
- (48). Smieliauskas F, Chien CR (equal contribution as 1<sup>st</sup> author), Shen C, Geynisman DM, Shih YC\*. Cost-effectiveness analyses of targeted oral anti-cancer drugs: a systematic review. Pharmacoeconomics 2014 Jul;32(7):651-80. (SCI)
- (49) Geynisman DM, Chien CR (equal contribution as 1<sup>st</sup> author), Smieliauskas F, Shen C, Shih YC. Economic Evaluation of Therapeutic Cancer Vaccines and Immunotherapy: a Systematic Review. Hum Vaccin Immunother. 2014 Nov 2;10(11):3415-24 (SCI)
- (50). Hsia TC, Tu CY, Chen HJ, Chen SC, Liang JA, Chen CY, Wang YC, Chun-Ru Chien\*(corresponding author). A Population-based Study of Primary Chemoradiotherapy in Clinical Stage III Non-small Cell Lung Cancer: Intensity-modulated Radiotherapy Versus 3D Conformal Radiotherapy. Anticancer Res 2014 Sep;34(9):5175-80. (SCI)
- (51) Chen WT, Ke TW, Li CC, Chun-Ru Chien\*(corresponding author) Questionable role of adjuvant chemotherapy in rectal cancer patients who had reached pathological complete response after neoadjuvant concurrent chemoradiotherapy: no matter in the East or in the West. J Cancer Res Clin



Oncol 2014 Sep;140(9):1495-6. (SCI).

- (52) Hsin-Yuan Fang, Fei-Yuan Hsiao, Hsu-Chih Huang, Yu-Sen Lin, Chih-Yi Chen, Shwn-Huey Shieh, Pin-Ru Chen, Chein-Kuang Chen, Chun-Ru Chien\*(corresponding author). Cost and effectiveness of video-assisted thoracoscopic surgery for clinical stage I non-small cell lung cancer: a population-based analysis. J Thorac Dis. 2014 Dec;6(12):1690-6 (SCI)
- (53) Chen WT, Ke TW, Liao YM, Li CC, Chun-Ru Chien\*(corresponding author). Optimal Interval of Surgery After Neoadjuvant Radiochemotherapy in T3-4/N0+ Rectal Cancer: Population level Evidence In Addition to controlled Trial. J Gastrointest Oncol. 2015 Jun;6(3):E38-9.
- (54) Chun-Ru Chien. Application of Health Services Research in Radiation Oncology: Focused on Database Analysis. Therapeut Radiol Oncol 2015; 22(2): 121-7 (labelled as 專題介紹 in editorial)
- (55) Hsia TC, Tu CY, Fang HY, Liang JA, Li CC, Chien CR\*(corresponding author). Cost and effectiveness of image-guided radiotherapy for nonoperated localized lung cancer: a population-based propensity score-matched analysis. J Thorac Dis 2015;7(9):1643-1649. (SCI)
- (56) Shih YCT, Chien CR, Moguel R, Hernandez M, Hajek RA, Jones LA. Cost-Effectiveness Analysis of a Capitated Patient Navigation Program for Medicare Beneficiaries with Lung Cancer. Health Serv Res. 2016 Apr;51(2):746-67 (SCI)
- (57) Lin CY, Fang HY, Feng CL, Li CC, Chien CR\*(corresponding author). Cost Effectiveness of Neoadjuvant Concurrent Chemoradiotherapy vs Esophagectomy for Locally Advanced Esophageal Squamous Cell Carcinoma: a Population-Based Matched Case-Control study. Thorac Cancer. 2016 Apr 26;7(3):288-95 [SCI]
- (58) Chien CR\*, Chen WT, Wang HM, Lin CH, Li CC. Intensity-Modulated Radiotherapy in Neoadjuvant Concurrent Chemoradiotherapy for Locally Advanced Rectal Cancer. Dis Colon Rectum. 2016 Jun;59(6):e401 [SCI]
- (59) Chen CY, Li CC, Chien CR\*. Does higher radiation dose lead to better outcome for non-operated localized esophageal squamous cell carcinoma patients who received

concurrent chemoradiotherapy? A population based propensity-score matched analysis  
Radiother Oncol 120 (2016) 136–139 [SCI]

(60) Li CC, Chen CY, Chien CR\*. Comparative effectiveness of image-guided radiotherapy for non-operated localized esophageal squamous cell carcinoma patients receiving concurrent chemoradiotherapy: A population-based propensity score matched analysis. Oncotarget. 2016 Sep 26. doi: 10.18632/oncotarget.12250. [Epub ahead of print] [SCI]

Conference presentation:

(1). Chien CR, Yang CH, Cheng JCH, Chie WC.

The clinical, dosimetric, and biological risk factors of radiation pneumonitis: a preliminary report. 10<sup>th</sup> Taiwan Joint Cancer Conference, Taiwan, R.O.C. ; 2005 Apr 30-May 1 (abstract G-24); Taipei, Taiwan .

(2) C. Chien and M. Lai

Trends in the pattern of care for lung cancer and its correlation with clinical evidences: Experience of 4565 patients in a university-affiliated medical center in Taiwan from 1991 to 2002. 11<sup>th</sup> World Conference of Lung Cancer. Lung Cancer 2005; 49(S2): S199

(3) Chien CR, Cheng JC.

Single fraction (8Gy) palliative radiotherapy for bone metastases: single institutional experience from 2003~2005. 11<sup>th</sup> Taiwan Joint Cancer Conference, Taiwan, R.O.C. May 6<sup>th</sup>~7<sup>th</sup>(abstract G-II-20), 2006, Taipei

(4) C. Chien, Y. Chang, D. Lin, Z. Lin, R. Yang

Excellent survival of pediatric dermatofibrosarcoma protuberans in Taiwanese. Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006: 19512

(5) Chien CR, Yu CJ, Yang CH, Cheng JC

Impact of Chemotherapy Regimen on Survival of Non-Small Cell Lung Cancer Patients Treated with Upfront Definitive Concurrent Chemoradiotherapy. 12<sup>th</sup> Taiwan

Joint Cancer Conference, Taiwan, R.O.C. 2007 May 5-May 6 (abstract G-II-36); Taipei, Taiwan .

(6) Chien CR, Chen THH.

Trends of lung cancer incidence and mortality in Taiwan. 12<sup>th</sup> World Conference of Lung Cancer. J Thorac Oncol 2007; 2(S4): S414

(7) Chien CR, Chen THH.

Estimation of mean sojourn time for lung cancer by computed tomography screening: based on reported literatures with a Bayesian approach. 12<sup>th</sup> World Conference of Lung Cancer. J Thorac Oncol 2007; 2(S4): S810.

(8) Chien CR, Lai MS.

Risk factors of radiation pneumonitis: a prospective study. 14<sup>th</sup> European Conference on Cancer. Eur J Cancer Supplement 2007; 5(3): 388

(9) Chien CR, Yu CJ, Yang CH

Outcome of radical thoracic radiotherapy for lung cancer patients. The 57<sup>th</sup> Annual Meeting of the Radiological Society of Republic of China, R.O.C. ; 2008 Mar 29-Mar 30 (abstract TP006-CH); Tainan, Taiwan .

(10) Hsu YC, Chien CR, Cheng HC, et al. Dosimetric Evaluation of Thoracic tumor immobilization Using Active Breathing Control. The 57<sup>th</sup> Annual Meeting of the Radiological Society of Republic of China, R.O.C. ; 2008 Mar 29-Mar 30 (abstract TP007-CH); Tainan, Taiwan

(11) Chien CR, Chen THH. Modelling for cost-effectiveness of lung cancer s creening.

FiDiPro International Symposium on Methods in Evaluation of Cancer Screening.

(12) Chien CR, Chen THH. Cost-effectiveness analysis of lung cancer screening with computed tomography. ISPOR 14<sup>th</sup> Annual International Meeting; 2009 May 16-20 (Abstract PCN 39); Orlando, USA. Value Health 2009; 12(3): A43

(13) Chien CR. Trends in treatment for esophageal cancer in Taiwan. 14<sup>th</sup> Taiwan Joint Cancer Conference, Taiwan, R.O.C. 2009 May 2-May 3 (abstract A-II-01); Taipei, Taiwan .

(14) Chien CR, Hsia TC, Chen CY, Yang ST, Wu HH. The impact of new staging system for non-small cell lung cancer. 13<sup>th</sup> World Conferenece of Lung Cancer. J Thorac Oncol 2009; 4(S1): S419.

- (15) Chien CR, Pan IW, Tsai YW, Tsai T, Liang JA, Buchholz TA, Shih YCT\*.2010. Radiation after Breast Conserving Surgery: Does Hospital Surgical Volume Matter? AcademyHealth 2010 Annual Research Meeting (poster session A); 2010 Jun 16-20; Boston, USA.
- (16). Chien CR, Liang JA, Wang HN, Lin CC, Kao CH. Diagnostic Performance of Selective Positron Emission Tomography for Lung Cancer Computed Tomography Screening: a Meta-Analysis". Eur J Cancer 2011; 47(S1): S211 (abstract No 2107)
- (17) Shih YCT, Chien CR, Moguel MR, Hernandez M, Hajek R, Jones L. A POLICY EVALUATION OF INSTITUTING PATIENT NAVIGATION PROGRAM IN MEDICARE: DOES IT WORK FOR LUNG CANCER PATIENTS. ISPOR 17<sup>th</sup> Annual International Meeting, Washington DC, USA; 2012 Jun 2-6. Value Health 2012; 15: A3 (podium ME3)
- (18) Chien CR, Wang PH. THE ROLE OF BIOMARKERS IN LUNG CANCER SCREENING: A SYSTEMATIC REVIEW AND META-ANALYSIS. ISPOR 17<sup>th</sup> Annual International Meeting, Washington DC, USA; 2012 Jun 2-6. Value Health 2012; 15: A63 (poster PMD10)
- (19) Chien CR, Wang PH, Shih YCT. COST-EFFECTIVENESS ANALYSIS OF VIDEO-ASSISTED THORACIC SURGERY VS. OPEN SURGERY FOR PATIENTS WITH NEWLY DIAGNOSED STAGE I NONSMALL CELL LUNG CANCER. ISPOR 17<sup>th</sup> Annual International Meeting, Washington DC, USA; 2012 Jun 2-6. Value Health 2012; 15: A77 (poster PSU22)
- (20) Hsiao FY, Mullins D, Chien CR, Shih YCT. CONDUCTING ONCOLOGY HEALTH SERVICES RESEARCH AND COMPARATIVE EFFECTIVENESS RESEARCH USING LARGE CLAIM DATABASES: TAIWANESE AND UNITED STATES EXPERIENCES. ISPOR 5<sup>th</sup> Asia- Pacific Conference, Taipei, Taiwan; 2012 Sep 2-4 (Workshop W4)
- (21) Chien CR, Shih YCT. COST-EFFECTIVENESS ANALYSIS OF GEFITINIB FOR LUNG CANCER: A POPULATION BASED STUDY. ISPOR 5<sup>th</sup> Asia- Pacific Conference, Taipei, Taiwan; 2012 Sep 2-4 (poster PCN23)
- (22) Chun-Ru Chien, Te-Chun Hsia, Chih-Yen Tu, Ji-An Liang, Liang-Wen Hang, Yang-Hao Yu, Hung-Jen Chen, Shang-Wen Chen, Shih-Neng Yang, Yao-Ching Wang, Yu-Cheng Kuo. LONG TERM OUTCOME OF NON-OPERATED CLINICAL STAGE III NON-SMALL CELL LUNG CANCER PATIENTS AFTER COMBINED SYSTEMATIC THERAPY AND RADIOTHERAPY. 18<sup>th</sup> Taiwan Joint Cancer Conference, Taiwan, R.O.C. 2013 Jul 13- Jul 14 (abstract C-7-016); Taipei, Taiwan .
- (23) Chun-Ru Chien, Hung-Jen Chen, Chih-Yi Chen, Hsin-Yuan Fang, Yang-Hao Yu,

- Ching-Chan Lin, Ji-An Liang, Yao-Ching Wang, Wen-Pin Shih, Huan-Wen Yao. SHORT TERM OUTCOMES OF STEREOTACTIC ABLATIVE RADIOTHERAPY FOR NON SAMLL CELL LUNG CANCER PATIENTS. 18<sup>th</sup> Taiwan Joint Cancer Conference, Taiwan, R.O.C. 2013 Jul 13- Jul 14 (abstract C-7-017); Taipei, Taiwan .
- (24) Chun-Ru Chien, Ya-Chen T. Shih, Yu-Min Liao, Shan-Yu Su. Traditional Chinese medicine (TCM) utilization among cancer survivors. 2013 ASCO Annual Meeting J Clin Oncol 31, 2013 (suppl; abstr e20604)
- (25) Chien CR, Wang PH. COST-EFFECTIVENESS ANALYSIS of THORACIC RADIOTHERAPY in NON-OPERATED CLINICAL STAGE III-a NON-SMALL CELL LUNG CANCER. European Cancer Congress 2013, 2013 Sep 27 – Oct 1<sup>st</sup> (abstract 3437); Amsterdam, Netherland.
- (26) Yu Jen-Hua, William Tzu-Liang Chen, Te-Chun Hsia, Ji-An Liang, Chien Chun-Ru. Clinical outcome of Re-irradiation: a retrospective cohort analysis. 19th Taiwan Joint Cancer Conference, Taiwan, R.O.C. 2014 May 2- 4 (abstract T-123); Taipei, Taiwan
- (27) Chun-Ru Chien, Ya-Chen Tina Shih, Brian C.-H. Chiu. Cancer incidence and survival among Adolescent & Young Adults in Taiwan. GAP 2015, Apr 14-16, 2015; Houston, USA.
- (28)Lai YL, Liang JA, Chien CR. Is Involved Field Target Delineation Safe in Spinal Palliative Radiotherapy? European Cancer Congress 2015, Sep 25 – 30<sup>th</sup> (abstract 1513); Vienna, Australia
- (29) Yao HW et al. SHORT TERM OUTCOMES OF STEREOTACTIC ABLATIVE RADIOTHERAPY FOR LUNG CANCER PATIENTS104 年度病人安全品質提升與醫事放射人力國際論壇, Taiwan, 2015 Oct 31 (Abstract); Taipei, Taiwan
- (30) Chun-Ru Chien , Hsin-Yuan Fang, Chih-Yen Tu , Te-Chun Hsia , Yao-Ching Wang , Shang-Wen Chen. Adjuvant thoracic chemo-radiotherapy for p-N2 NSCLC: Single institutional experience. 20th Taiwan Joint Cancer Conference, Taiwan, R.O.C. 2016 May 14-15 (abstract T7-011); Taipei, Taiwan
- (31) Chien CR, et al. A POPULATION-BASED STUDY OF RADIOTHERAPY USE IN THE LAST 30 DAYS OF LIFE FOR PATIENTS WITH THORACIC CANCERS IN TAIWAN. ISPOR 20th Annual International Meeting, Washington DC, USA; 2016 May 21-25. (poster PCN180)

Textbook (in Chinese)

簡君儒，楊榮森。2010。

簡君儒，楊榮森。第十六章：放射治療傷口。臨床傷口醫學。許世祥，楊榮森編著。

2010台北：力大圖書有限公司。(ISBN 978-986-7364-28-9)

.

Grant [selected]:

1. Title: Effectiveness and health economic evaluation for lung cancer screening

Funding source: National Science Council, Taiwan

Role: Principle investigator

Duration: 7/2009-6/2012

2. Title: The Use, Cost, and Effectiveness of New Radiation Technology: using Image-Guided Radiation Therapy as an example

Funding source: China Medical University Hospital

Role: Principle investigator

Duration: 11/2013-10/2014

3. Title: The Use, Cost, and Effectiveness of New Radiation Technology: using Image-Guided Radiation Therapy as an example

Funding source: Ministry of Science and Technology, Taiwan

Role: Principle investigator

Duration: 08/2015-07/2016

4. Title: The Use, Cost, and Effectiveness of New Radiation Technology: using Image-Guided Radiation Therapy as an example

Funding source: China Medical University Hospital

Role: Principle investigator

Duration: 1/2016-12/2016

5. Title: Effectiveness and Cost-Effectiveness of Cancer treatments: population-based study from Taiwan with focus in Stereotactic body radiation therapy (SBRT)/Stereotactic ablative radiotherapy (SABR)

Funding source: China Medical University Hospital

Role: Principle investigator

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