

CURRICULUM VITAE

Hsiu-Hsi Chen
Professor

Tony Hsiu-Hsi Chen, PhD

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現職 PRESENT POSITION

教授 (臺灣大學流行病學與預防醫學研究所) Professor, Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taipei, Taiwan

副院長 (臺灣大學公共衛生學院) Associate Dean, CPH(CEPH accredited), National Taiwan University

主任 (臺灣大學公共衛生碩士學位學程) Director, MPH Program, National Taiwan University

學歷 EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS

英國劍橋大學生物統計博士(Ph.D. in Biostatistics, Biostatistics Unit of Medical Research Council (MRC), Institute of Public Health, Cambridge University, UK1995)

英國劍橋大學生物統計碩士(M.Phil. in Biostatistics, Biostatistics Unit of Medical Research Council (MRC), Institute of Public Health, Cambridge University, UK1992)

陽明大學流行病學碩士 (M.Sc. in Epidemiology, College of Public Health, National Yang-Ming University, 1988)

台北醫學大學牙醫學士 (DDS in School of Dentistry, Taipei Medical University, 1986)

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主要行政專業經驗 (PROFESSIONAL EXPERIENCE)

- 2008 臺灣大學生物統計中心主任(**Coordinator**, Center of Biostatistical Consultation, Graduate Institute of Epidemiology, College of Public Health (CPH), National Taiwan University (NTU), Taipei, Taiwan)
- 2003 臺灣大學公共衛生系主任(**Chairman**, Department of Public Health, CPH, NTU)

傑出研究表現 (AWARDS)

1. 科技部傑出科學獎 (Outstanding Research Award of Ministry of Science and Technology), 2018
2. 國家科學委員會傑出研究獎 (Outstanding Research Award of National Science Council), 2011
3. 芬蘭國家科學院傑出教授獎 (Finnish Distinguished Professor (FIDIPRO), Academy of Finland), 2007-2009
4. 青杏醫學獎 (Ching-Xing Medical Award, Ching-Xing Medical Science Culture and Education Foundation, ROC), 2003

國際期刊編輯 (Editorial Board)

1. Associate Editor of Journal of Epidemiology and Community Health (SCI/SSCI) (JECH) 副主編 (2011-2014)
2. Associate Editor of World Journal Gastroenterology (SCI) (WJG) 副主編(2011-)
3. 台灣醫學會雜誌編輯委員 (Journal of Formosa Medical Association)(2011-)
4. Associate Editor of BioMed Research International (2013-)

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Biography

Prof. Hsiu-Hsi Chen is an expert in evaluation of intervention program, with emphasis on population-based cancer screening and also universal vaccination program, by using a series of complex statistical modelling to deal with several thorny issues that cannot be solved by classical approaches. These include the development of different health economic decision models for cancer screening program and also vaccination program and prophylactic treatment. The recent statistical publications on the methodology of applying stochastic process to evaluation of cancer screening model published in JASA and Biometrics with Bayesian and non-Bayesian approach have facilitated the development of health economic decision models. A series of original articles cost-effectiveness (benefit) analysis based on these models have been published in international peer review articles.

Regarding international academic cooperation, Professor Chen has taken the presidency of the international Asian Cancer Screening Conference (Network) held annually since 2004. As far as collaborative research in Western countries is concerned, the long-lasting collaboration with Sweden (Falun Central Hospital), the USA (American Cancer Society), United Kingdom (Wolfson Institute of Preventive Medicine), and also Finland (School of Public Health, University of Tampere) where Professor Chen was awarded the Finland Distinguished Professor (FIDIPRO) issued by the Academy of Finland between 2007 and 2009.

PUBLICATIONS

359 Articles

Peer-reviewed papers by year

[1992]

1. Chou P, **Chen HH**, Hsiao KJ. Community-based epidemiological study on diabetes in Pu-Li, Taiwan. *Diabetes Care*. 1992;15:81-9. [SCI]
2. Chou P, Chen CH, **Chen HH**, Chang MS. Community-based epidemiological study on isolated systolic hypertension in PU-Li, Taiwan. *International Journal of Cardiology*. 1992;35:219-26. [SCI]

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3. **Chen THH**, Tabar L, Fagberg G, Duffy SW, Day NE. The effect of breast cancer screening after age 65. *Journal of Medical Screening*. 1995; 2: 10-14. [SCI]
4. Duffy SW, **Chen THH**, Tabar L, Day NE. Estimation of mean sojourn time in breast cancer screening using a Markov chain model of both entry and exit from the preclinical detectable phase. *Statistics in Medicine*. 1995; 14: 1531-1543. [SCI]
5. Tabar L, Fagberg G, **Chen THH**, Duffy SW, Gad A. Screening for breast cancer in women aged under 50: mode of detection, incidence, fatality, and histology. *Journal of Medical Screening* 1995; 2: 94-98. [SCI]
6. Day NE, Tabar L, Duffy SW, **Chen THH**. Population breast-cancer screening. *Lancet* 1995; 345:853. [SCI]
7. Tabar L, Fageberg G, **Chen THH**, and Duffy SW et al. Efficacy of breast cancer screening by age: New results from the Swedish Two-County trial. *Cancer* 1995; 75: 2507-2517. [SCI]
8. Day NE, Duffy SW, **Chen THH**. Survival and interim endpoints in breast cancer *Journal of Medical Screening*. 1995; 2: 57-58. [SCI]

[1996]

9. **Chen THH**, Duffy SW, Tabar L. A Markov chain method to estimate the tumour progression rate from preclinical to clinical phase, sensitivity and positive predictive value for mammography in breast cancer screening. *The Statistician* 1996; 45: 307-317. [SCI]
10. Tabar L, Duffy SW, **Chen THH**. Age-specific mortality reduction in the Swedish Two-county Trial of breast cancer screening. *Journal of the National Cancer Institute*. 1996; 89: 1217-1223. [SCI]
11. Duffy SW, **Chen THH**, Tabar L, Fagerberg G, Paci E. Sojourn time, sensitivity, and positive predictive value of mammography screening of breast cancer in women aged under 50. *International Journal of Epidemiology*. 1996; 25: 1139-1145. [SCI]
12. Tabar L, Fagberg G, **Chen THH**, Duffy SW, Gad A. Tumour progression, histology and grade of ductal carcinoma: prognosis and progression. *International Journal of Cancer*; 1996: 66: 413-419. [SCI]
13. Breast-Cancer screening with mammography in women aged 40-49 years. Report of the Organisation committee and Collaborators. *International Journal of Cancer* 1996; 68(6): 693-699. [SCI]

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14. **Chen THH**, Duffy SW, Day NE. Markov chain models for progression of breast cancer. Part I: tumour attributes and the preclinical screen-detectable phase. *Journal of Epidemiology and Biostatistics* 1997; 2: 9-23. [SCI]
15. **Chen THH**, Duffy SW, Tabar L, Day NE. Markov chain models for progression of breast cancer. Part II: prediction of outcomes for different screening regimes. *Journal of Epidemiology and Biostatistics* 1997; 2: 25-35. [SCI]
16. **Chen THH**, Duffy SW, Tabar L. A mover-stayer mixture of Markov chain models for the assessment of dedifferentiation and tumour progression of breast cancer. *Journal of Applied Statistics* 1997; 24: 265-278. [SCI]
17. Tabar L, **Chen THH**, Duffy SW, Smith TC. Impact of histological tumor type in efficacy of breast cancer screening by age: New results from the Swedish Two-County Trial. *Journal of the National Cancer Institute. Monographs.* 1997; 22: 43-47. [SCI]
18. Duffy SW, Day NE, Tabar L, **Chen THH**, Smith TC. Markov models of breast tumour progression: some age-specific results. *Journal of the National Cancer Institute. Monographs.* 1997; 22: 93-97. [SCI]

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19. **Chen THH**, Thurfjell E, Duffy SW, Tabar L. Evaluation by Markov chain models of a non-randomized breast cancer screening program in women age under 50 years. *Journal of Community Health and Epidemiology* 1998; 52: 329-335. [SCI]
20. Wu TH, **Chen THH**, Ng SK, Lee TK. A study on the relationship of sexual activity to physical diseases among the elderly aged 65 and over in Taiwan. *Chinese Journal of Family Medicine* 1998; 8: 72-80.
21. Lai MS, Yen MF, Kuo HS, Koong SL, **Chen THH**, Duffy SW. Efficacy of breast-cancer screening for female relatives of breast-cancer-index cases: Taiwan multicentre cancer screening (TAMCAS). *International Journal of Cancer* 1998; 78: 21-26. (Corresponding Author) [SCI] ONCOLOGY(27/127) IF:4.693
22. Ko TM, Chung YP, Hwa HL, Lu PJ, **Chen THH**. Second-trimester maternal serum levels of alpha-fetoprotein, free (-subunit of human chorionic gonadotropin and CA-125 in twin pregnancy after

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multifetal pregnancy reduction. Taiwanese Journal of Obstetrics and Gynecology 1998 37(3).

23. Prevost TC, Launoy G, Duffy SW, **Chen THH**. Estimating sensitivity and sojourn time in screening for colorectal cancer a comparison of statistical approaches. American Journal of Epidemiology 1998; 148: 609-619. [SCI]

[1999]

24. **Chen THH**, Prevost TC, Duffy SW. Evaluation of screening for nasopharyngeal carcinoma: trial design using Markov chain models. British Journal of Cancer 1999; 79: 1894-1900. [SCI]
25. **Chen THH**, Yen MF, Lai MS, Koong, SL, Wang CY, Wong JM, Prevost TC, Duffy SW. Evaluation of a Selective Screening for Colorectal Carcinoma: The Taiwan Multicenter Cancer Screening (TAMCAS) Project. Cancer 1999; 86: 1116-28. (Corresponding Author) [SCI]
26. Kuo HS, Chang HJ, Chou P, Teng L, **Chen THH**. A Markov chain model to assess the efficacy of screening for non-insulin dependent diabetes mellitus (NIDDM). International Journal of Epidemiology 1999; 28: 233-240. (Corresponding Author) [SCI]
27. Yen MF, **Chen THH**, HS Kuo, Lai MS, Chang KJ. A Markov Chain Model to Assess a Multi-centered Screening Project for Breast Cancer in Taiwan. Chin J Public Health 1999; 18: 95-104. (Corresponding Author)
28. Tabar L, **Chen THH**, Duffy SW, Krusemo UB. Primary and adjuvant therapy, prognostic factors and survival in 1053 breast cancers diagnosed in a trial of mammography screening. Japanese Journal of Clinical Oncology 1999; 29(12): 608-16. [SCI]
29. Tabar L, Vitak B, **Chen THH**, Prevost TC, Duffy SW. Update of the Swedish Two-County Trial of breast cancer screening: histologic grade-specific and age-specific results. Swiss Surgery 1999; 5: 199-204.
30. Tabar L, Duffy SW, Vitak B, **Chen THH**, Prevost TC. The natural history of breast cancer: what have we learned from screening? Cancer 1999; 86(3): 449-62. [SCI]
31. Prevost TC, Rohan TE, Duffy SW, **Chen THH**, To T, Hill RD. Markov chain models and estimation of absolute progression rates: application to cataract progression in diabetic adults. Journal of Epidemiology and Biostatistics 1999; 4(4): 337-344. [SCI]
32. Duffy SW, Tabar L, Smith RA, Krusemo UB, Prevost TC, **Chen THH**. Risk of Breast cancer and risks with breast cancer: the relationship of Histologic type with epidemiology, disease progression and survival. Seminars in Breast Disease 1999; 2: 292-300.

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33. **Chen THH**, Kuo HS, Yen MF, Lai MS, Tabar L, Duffy SW. Estimation of sojourn time in chronic disease screening without data on interval cases. *Biometrics* 2000; 56(1): 167-172. (Corresponding Author) [SCI]
34. Tabar L, **Chen THH**, Duffy SW, Yen MF, Chiang CF, Dean PB, Robert AS. A novel method for prediction of long-term outcome of women with T1a, T1b, and 10-14 mm invasive breast cancers: a prospective study. *Lancet* 2000; 355(9202): 429-433. [SCI]
35. Wu TH, **Chen THH**, Lee TK. Factors affecting the first recurrence of non-cardioembolic ischemic stroke. *Thrombosis Research* 2000; 97(3): 95-103. [SCI]
36. Shiu MN, **Chen THH**, Chang SH and Hahn LJ. Risk factors for leukoplakia and malignant transformation to oral carcinoma: a leukoplakia cohort in Taiwan. *British Journal of Cancer* 2000; 82(11): 1871-1874. (Corresponding Author) [SCI]
37. Chang HJ, Kuo HS, Tung TH, Chou P, **Chen THH**. Evaluation of a population-based screening for type 2 diabetes: a community-based screening project in Puli, Taiwan. *Preventive Medicine* 2000; 31: 396-402. (Corresponding Author) [SCI]
38. Tabar L, Vitak B, **Chen THH**, Duffy SW, Smith RA. The Swedish Two-County Trial twenty years later: updated mortality results and new insights from long-term follow-up. *Radiology Clinics of North America* 2000; 38(4): 625-651. [SCI]
39. Cheng ATA, **Chen THH**, Chen CC and Jenkins R. Psychosocial and psychiatric risk factors for suicide: case-control psychological autopsy study. *British Journal of Psychiatry* 2000; 177: 360-365. [SCI]
40. Tabar L, Vitak B, **Chen THH**, Duffy SW, Yen MF, Chiang CF, Krusemo UB, Tot T, Smith RA. The Swedish two-county trial twenty years later: Updated mortality results and new insights from long-term follow-up. *Radiology Clinics of North America* 2000; 38(4): 626-651. [SCI]
41. Tabar L, Dean PB, Kaufman CS, Duffy SW, **Chen THH**. A new era in the diagnosis of breast cancer. *Surgery and Oncology Clinics North America* 2000; 9(2): 233-277.
42. Nixon RM, Pharoah, P, Tabar L, Krusemo UB, Duffy SW, Prevost TC, **Chen THH**. Mammographic screening in women with a family history of breast cancer: some results from the Swedish two-county trial. *Review of Epidemiology Sante Publique*. 2000; 48: 325-331.

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43. **Chen THH**, Yen MF, Tung TH. A computer simulation model for cost-effectiveness analysis of mass screening for type 2 diabetes mellitus. *Diabetes Research and Clinical Practice*. 2001; 54(suppl.1): S37-S42. (Corresponding Author) [SCI]
 44. Liou HH, Oon PC, Lin HC, Wang PJ, **Chen THH**. Risk factors associated with infantile spasms: a hospital-based case-control study in Taiwan. *Epilepsy research* 2001; 47: 91-98 (Corresponding Author) [SCI]
 45. Tabar L, Vitak B, **Chen THH**, Yen MF, Duffy SW, Smith RA. Beyond randomized controlled trials: Organized mammographic screening substantially reduces breast carcinoma mortality. *Cancer* 2001; 91: 1724-1731. [SCI]
 46. Grogan M, Tabar L, Chua B, **Chen THH**, Boyages J. Estimating the benefits of adjuvant systemic therapy for women with early breast cancer. *British Journal of Surgery* 2001; 88:1513-1518. [SCI]
 47. Chen RC, Chang SF, Su CL, **Chen THH**, Yen MF, Wu HM, Chen ZY, Liou HH. Prevalence, incidence, and mortality of PD: a door-to-door survey in Ilan county, Taiwan. *Neurology* 2001;57(9):1679-86. [SCI] CLINICAL
 48. Couto E, Harrison D, Duffy S, Myles J, Sala E, Warren R, Day N, Luben R, **Chen HH**. Estimation of disease progression parameters from case-control data: application to mammographic patterns and breast cancer natural history. *Journal of Epidemiology and Biostatistics*. 2001;6(2):235-42. [SCI]
- [2002]
49. **Chen THH**, Chen CJ, Yen MF, Lu SN, Sun CA, Huang GT, Yang PM, Lee HS, Duffy SW. Ultrasound screening and risk factor for death from hepatocellular carcinoma in a high risk group in Taiwan. *International Journal of Cancer* 2002; 98: 257-261. [SCI]
 50. Wu TH, Lee TK, Yen MF, Tung TH, **Chen THH** Long-term mortality assessment using biological measures among elderly people: ten-year follow-up of 597 healthy elderly cohort in Taiwan. *Family Practice* 2002; 19: 272-277. (Corresponding Author) [SCI]
 51. Hsieh HJ, **Chen THH**, Chang SH. Assessing chronic disease progression using non-homogenous exponential regression Markov models. *Statistics in Medicine*. 2002; 21: 3369-82. (Corresponding Author) [SCI]

【Since Promotion to Professor】

52. Liao CS, Yang KC, Yen MF, Teng LL, Duffy SW, **Chen THH**. Prognosis of small hepatocellular

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- carcinoma treated by percutaneous ethanol injection and transcatheter arterial chemoembolization. *Journal of Clinical Epidemiology*. 2002; 55(11): 1095-104. (Corresponding Author) [SCI]
53. Duffy SW, Tabar L, **Chen THH**, Holmqvist M, Yen MF, Abdsalah S, Epstein B, Frodis E, Ljungberg E, Hedborg-Melander C, Sundbom A, Tholin M, Wiege M, Akerlund A, Wu HM, Tung TS, Chiu YH, Chiu CP, Huang CC, Smith RA, Rosen M, Stenbeck M, Holmberg L. The impact of organized mammography service screening on breast carcinoma mortality in seven Swedish counties. *Cancer*. 2002; 95(3):458-69. [SCI]
54. Tabar L, Duffy SW, Yen MF, Warwick J, Vitak B, **Chen THH**, Smith RA. All-cause mortality among breast cancer patients in a screening trial: support for breast cancer mortality as an end point. *Journal of Medical Screening*. 2002; 9(4): 159-62. [SCI]
55. Duffy SW, Cuzick J, Tabar L, Vitak B, **Chen THH**, Yen MF, Smith RA. Correcting for non-compliance bias in case-control studies to evaluate cancer screening programmes. *Applied Statistics* 2002, 51(2); 235-243. [SCI]
56. Chiang CP, Hsieh RP, **Chen THH**, Chang YF, Liu BY, Wang JT, Sun A, Kuo MYP. High incidence of autoantibodies in Taiwanese patients with oral submucous fibrosis. *Journal of Oral Pathology and Medicine*. 2002;31:402-9. [SCI]

[2003]

57. Tabar L, Yen MF, Vitak B, **Chen THH**, Smith RA, Duffy SW. Mammography service screening and mortality in breast cancer patients: 20-year follow-up before and after introduction of screening. *Lancet*. 2003; 61(9367):1405-10. [SCI]
58. Chen CD, Yen MF, Wang WM, Wong JM, **Chen THH**. A case-cohort study for the disease natural history of adenoma-carcinoma and de novo carcinoma and surveillance of colon and rectum after polypectomy: implication for efficacy of colonoscopy. *British Journal of Cancer* 2003; 88: 1866-73. (Corresponding Author) [SCI]
59. Shui HC, Lin RS, Tung TH, **Chen THH**. Cost-benefit analysis of routine childhood vaccination against chickenpox in Taiwan: decision from different perspectives. *Vaccine* 2003; 21: 3982-3987. (Corresponding Author) [SCI]
60. Duffy SW, Tabar L, Vitak B, Day NE, Smith RA, **Chen THH**, Yen MF. The relative contributions of screen-detected in situ and invasive breast carcinomas in reducing mortality from the disease. *European Journal of Cancer* 2003;39 (12):1755-60. [SCI]

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61. Yen MF, Tabar L, Vitak B, Smith RA, **Chen THH**, Duffy SW. Quantifying the potential problem of overdiagnosis of ductal carcinoma in situ in breast cancer screening. *European Journal of Cancer* 2003;39(12):1746-54. [SCI]
62. Duffy SW, Tabar L, Vitak B, Yen MF, Warwick J, Smith RA, **Chen THH**. The Swedish Two-County Trial of mammographic screening: cluster randomisation and end point evaluation. *Annals of Oncology* 2003;14(8):1196-8. [SCI]
63. Liu WJ, Lee LT, Yen MF, Tung TH, Williams R, Duffy SW, **Chen THH**. Assessing progression and efficacy of treatment for diabetic retinopathy following the proliferative pathway to blindness: implication for diabetic retinopathy screening in Taiwan. *Diabetic Medicine*. 2003;20(9):727-33 (Corresponding Author) [SCI]
64. Shiu MN, **Chen THH**. Intervention efficacy and malignant transformation to oral cancer among patients with leukoplakia. *Oncology Report* 2003;10:1683-92 (Corresponding Author) [SCI]
65. Chan CC, Lin YP, **Chen THH**, Chang TY, Cheng TJ, Chen LS, A population-based study on the immediate and prolonged effects of the 1999 Taiwan earthquake on mortality. *Annals of Epidemiology*. 2003;13:502-8 [SCI]
66. Tabar L, Smith RA, Vitak B, Yen MF, **Chen THH**, Warwick J, Myles JP, Duffy SW. Mammographic screening: a key factor in the control of breast cancer. *Cancer Journal*. 2003; 9(1): 15-27. [SCI]

[2004]

67. Wong JM, Yen MF, Lai MS, Duffy SW, Smith RA, **Chen THH**. Progression rates of colorectal cancer by Dukes' stage in a high-risk group: analysis of selective colorectal cancer screening. *Cancer Journal*. 2004;10:160-9. (Corresponding Author) [SCI]
68. **Chen THH**, Chiu YH, Luh DL, Yen MF, Wu HM, Chen LS, Taiwan Community-based Integrated Screening Group. Community-based multiple screening model: design, implementation, and analysis of 42,387 participants. *Cancer*. 2004;100(8):1734-1743 (Corresponding Author) [SCI]
69. Wu HM, Yen MF, **Chen THH**. SAS macro program for non-homogeneous Markov process in modeling multi-state disease progression. *Computer Methods and Programs in Biomedicine*. 2004;75:95-105. (Corresponding Author) [SCI]

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70. Chen CC, Chen TF, Lin HC, Oon PC, Wu HM, Wang PJ, **Chen THH**, Liou HH. Estimation of prevalence and incidence of infantile spasms in Taiwan using capture-recapture method. *Epilepsy Research* 2004;58:37-42. (Corresponding Author) [SCI]
71. **Chen THH**, Yen MF, Shiu MN, Tung TH, and Wu HM. Stochastic model for non-standard case-cohort design. *Statistics in Medicine*. 2004;23:633-647 [SCI]
72. Shiu MN, **Chen THH**. Impact of betel quid, tobacco and alcohol on three-stage disease natural history of oral leukoplakia and cancer: implication for prevention of oral cancer. *European Journal of Cancer Prevention*. 2004,13:39-45 (Corresponding Author) [SCI]
73. Cheng ATA, Gau SF, **Chen THH**, Chang JC, Chang YT. A 4-year longitudinal study on risk factors for alcoholism. *Archives of General Psychiatry*. 2004;61:184-191 [SCI]
74. Hsieh LLC, Kuo CH, Yen MF, **Chen THH**. A randomized control trial for low back pain treated by acupuncture and physical therapy. *Preventive Medicine* 2004;39:168-76. (Corresponding Author) [SCI]
75. Tabar L, Vitak B, Yen MF, **Chen THH**, Smith RA, Duffy SW. Number needed to screen: lives saved over 20 years of follow-up in mammographic screening. *Journal of Medical Screening*. 2004;11(3):126-129. [SCI]
76. Smith RA, Duffy SW, Gabe R, Tabar L, Yen AM, **Chen THH**. The randomized trials of breast cancer screening: what have we learned? *Radiology Clinics of North America*. 2004;42(5):793-806. [SCI]
77. Hwa HL, Yen MF, Hsieh FJ, Ko TM, **Chen THH**, et al. Evaluation of second trimester maternal serum screening for Down's Syndrome using the Spiegelhalter-Knill-Jones (S-KJ) approach. *J Perinat Med*. 2004;32(5):407-12. (Corresponding Author) [SCI]
78. Chen MK, **Chen THH**, Liu JP, Chang CC, Chie WC. Better prediction of prognosis for patients with nasopharyngeal carcinoma using primary tumor volume. *Cancer*. 2004;100(10):2160-6. [SCI]
79. Tung TH, Chiu YH, Wu HM, Boucher BJ, **Chen THH**. A population-based study of the association between areca-nut chewing and type 2 diabetes mellitus in men (KCIS No. 2) *Diabetologia*. 2004;47:1776-81. (Corresponding Author) [SCI]
80. Tabar, **Chen THH**, Yen MF, Tot T, Tung TH, Chen LS, Chiu YH, Duffy SW, Smith RA. Mammographic tumor features can reliably predict long-term outcomes reliably in women with 1-14-mm invasive breast carcinoma: suggestions for the reconsideration of current therapeutic practice and the TNM classification system. *Cancer* 2004;101(8):1745-59. [SCI]

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[2005]

81. Chen LS, Yen MF, Wu HM, Liao CS, Liou DM, Kuo HS, **Chen THH**. Predictive survival model with time-dependent prognostic factors: development of computer-aided SAS Macro program. *Journal of Evaluation in Clinical Practice*. *Journal of Evaluation in Clinical Practice*. 2005;11(2):181-93. (Corresponding Author) [SCI]
82. Chen LS, Tsai CY, Liou TY, Tung TH, Chiu YH, Chan CC, Liou DM, **Chen THH**. Community-based teleophthalmology for early detection of eye-related disease in remote Tungyin, Taiwan. *Journal of telemedicine and telecare*. 2004;10:337-41. (Corresponding Author) [SCI]
83. Yu EW, Chie WC, **Chen THH**. Does screening or surveillance for primary hepatocellular carcinoma with ultrasonography improve the prognosis of patients? *Cancer Journal*. 2004;10(5):317-25. (Corresponding Author) [SCI]
84. Chang CM, Kuo HS, Chang SH, Chang HJ, Liou DM, Laszlo T, **Chen THH**. Computer-aided disease prediction system: development of application software with SAS component language. *Journal of Evaluation in Clinical Practice*. 2005; 11(2):139-59. (Corresponding Author) [SCI]
85. Wang ST, Lee LT, Chen LS, **Chen THH**. Economic evaluation of vaccination against influenza in the elderly: an experience from a population-based influenza vaccination program in Taiwan. *Vaccine*. 2005;23:1973-80 (Corresponding author) [SCI]
86. Hsu WC, Chiu YH, Chiu HC, Liou HH, Jeng YC, **Chen THH**. Two-stage community-based screening model for estimating prevalence of diabetic polyneuropathy (KCIS No. 6). *Neuroepidemiology*. 2005;25(1):1-7. (Corresponding author) [SCI]
87. Jan CF, Chen CJ, **Chen THH**. Causes of increased mortality from hepatocellular carcinoma in high incidence country: the Taiwan experience. *Journal of Gastroenterology and Hepatology*. 2005;20(4):521-6. (Corresponding Author) [SCI]
88. Gau SSF, Chong MY, **Chen THH**, Cheng ATA. A three-year panel study of mental disorders among adolescents in Taiwan. *Archives of General Psychiatry*. 2005;162(7):1344-50. [SCI]
89. Yen RF, Hong RL, Tzen KY, Pan MH, **Chen THH**. Whole-body 18F-FDG PET in recurrent or metastatic nasopharyngeal carcinoma. *Journal of Nuclear Medicine*. 2005;46(5):770-4. (Corresponding author) [SCI]
90. Yu HJ, **Chen THH**, Chie WC, Liu CY, Tung TH, Huang SW. Prevalence and associated factors of nocturia among adult residents of the Matsu area of Taiwan. *Journal of Formosan Medical*

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91. Yen RF, **Chen THH**, Ting LL, Tzen KY, Pan MH, Hong RL. Early restaging whole-body ¹⁸F-FDG PET during induction chemotherapy predicts clinical outcome in patients with locoregionally advanced nasopharyngeal carcinoma. *European Journal of Nuclear Medicine and Molecular Imaging*. 2005;32:1152-9. [SCI]
92. Chen RC, Chang YC, **Chen THH**, Wu HM, Liou HH,. Mortality in adult patients with epilepsy in Taiwan. *Epileptic Disorder*. 2005;7(3):213-9. [SCI]
93. Shiu MN, **Chen THH**. Cost-effectiveness analysis of oral cancer screening underpinning multi-state disease natural history of pre-malignant oral lesion and oral cancer. *Oral Oncology* . 2005;1(1):38. (Corresponding Author)
94. Yen MF, Chiang CP, Chiu YH, Wang TT, **Chen THH**. Oral screening for leukoplakia and oral cancer with and without Toluidine blue test: a community-based individual randomized trial. *Oral Oncology* 2005;1(1):78. (Corresponding Author)
95. Chen MM, Chang HC, Hsieh CF, Yen MF, **Chen THH**. Predictive model for congenital muscular torticollis: analysis of 1021 infants with sonography. *Archives of Physical Medicine and Rehabilitation*. 2005;86(11)2199-203. (Corresponding Author) [SCI]
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