

二零零九年十二月十四日

討論文件

立法會衛生事務委員會

衛生及醫護服務研究基金

目的

本文件旨在請委員支持政府當局把 *衛生及醫護服務研究基金* (基金) 的核准承擔額增加 1 億 5,000 萬元，令基金增至 2 億 2,600 萬元，用以在二零一零／一一年度至二零一四／一五年度的五年內資助基金之研究項目。基金現有的核准承擔額為 7,600 萬元。

衛生及醫護服務研究

2. 醫護服務研究工作是重要而有用的方法，有助當局制訂以實據為基礎的政策，以維持一套具效率和成本效益的醫護系統，以及提升公眾健康。為此，食物及衛生局一直都有資助醫護服務研究，以支援政策制訂的工作。一九九四年，當時的衛生福利局以 5,000 萬元資本承擔額成立 *醫療服務研究基金*，以資助有關醫護服務的研究工作。二零零一年，局方對醫療服務研究基金進行檢討，並按與本地的相關程度及重要性選定新的優先研究課題。

3. 二零零二年，局方以 1,000 萬元的新承擔額成立 *衛生及醫護服務研究基金*(基金)，以替代醫療服務研究基金。這個基金以研究綱領運作，更着重一些為引領研究方向及決定基金的撥款而訂定的優先研究課題。這些優先研究課題包括公共衛生、醫護服務及中醫藥。經立法會財務委員會的批准，基金的承擔額多年來已增至目前的 7,600 萬元(二零零五年二月增加 1,600 萬元，以及二零零七年六月再增加 5,000 萬元)，用以繼續資助研究項目。

4. 自二零零七年起，食物及衛生局為應付一些特殊的公共衛生問題和事件，合共預留了 2,800 萬元委託進行衛生及醫護服務的研究，以獲得資料考慮有關的衛生政策和措施。這些委託研究項目是利用基金以外的撥款進行，而且都是與這些特殊事件和問題有關而需要急切進行的研究項目。舉例來說，二零零八年發生三聚氰胺事件後，當局曾應三聚氰胺事件專家小組的建議，進行委託研究，評估三聚氰胺對人類健康可能造成的中長期影響。這些委託項目在評審和監察方面大體上亦是依循基金既定的程序。

基金的撥款機制

5. 擬議研究項目須具備高度的科學價值，並有可適用於本港和令本港受惠的潛力，方符合撥款資格。根據國際經驗，研究項目的撥款申請以下列原則作為審批準則－

- (a) 與基金優先研究課題的相關程度；
- (b) 擬議研究項目的科學質素；
- (c) 申請人／機構的往績和研究能力；以及
- (d) 在科學上是否具備改善人類健康和醫護服務的潛力。

6. 基金每年接受一次申請。根據審批研究項目撥款申請的一貫做法，所有申請須經過兩層的同業評審程序。當局為基金所成立的研究局，會根據負責審核所有撥款申請的資助評審委員會的建議，就基金的撥款分配作出最後決定。研究局由食物及衛生局局長擔任主席，成員包括衛生署、醫院管理局、學術界和私營醫療機構的代表。

發布研究結果

7. 已完成的研究項目的摘要(研究報告)，均上載於食物及衛生局的研究基金秘書處的網頁，供市民閱覽。自二零零六年起，研究報告亦以增刊形式於《香港醫學雜誌》發表，並發送予香港約 500 個各類與衛生有關的機構(包括大學、醫院和診療所、專業協會／學院和政府部門)。這些研究數據不但是公眾參考資料庫，也是醫護服務研究人員的重要知識資源。

基金資助的研究項目

8. 自二零零三年十一月以來，基金接受過七輪公開的撥款申請。在首六輪公開申請收到的 568 份申請中，共有 117 個涉及款項 4,900 萬元的項目獲批。這 117 個獲基金資助的項目涵蓋廣泛的課題，會在改善公共衛生和醫護服務方面帶來積極貢獻，而且都觸及所有優先政策範疇，包括：(i)照顧長者；(ii)為慢性病患者提供護理；(iii)為癌症病人提供醫療服務；(iv)推廣體能活動的健康政策；(v)精神健康；(vi)公共衛生問題；以及(vii)中醫藥等。自二零零三年以來獲基金資助的研究項目一覽表載於 **附件 A**。

9. 在獲基金資助的 117 個項目中，有 53 個已經完成，當中有很多個項目對醫護政策的制訂和醫護服務的提供，給予有用的指引。現於下文各段闡述一些對醫護政策及實務產生影響的顯著例子。

加強基層醫療

10. 基層醫療是醫療系統中一個重要組成部分，持續為病人提供全面的照顧，均為預防及治療性護理，同時協調病人所接受的護理服務，便能以較低成本提供更好的醫療成效。多年來，基金曾支持多個基層醫療研究項目，探討跨專科團隊和病人自強的成效，這些都是建立基層醫療概念模式的重要理念。

11. 根據一項為評估在基層醫療環境，就提供各個不同服務模式的效益的研究顯示，資深護師診所是監護社區內患病情穩定的高血壓及糖尿病病人的合適醫護模式。這個服務模式自此延展至醫院管理局轄下幾個地點。研究結果對基層醫療服務模式專責小組，以及對發展常見慢性病的綜合基層醫療服務模式，均有正面的影響。這些研究結果有助政府制訂基層醫療改革措施。

12. 基金亦資助另一項研究，評估為增強婦女自強能力而設的介入服務。有關的介入服務旨在加強婦女的安全行為、提高她們解決問題及決策的能力。就本港環境作出的評估尤其有用，因為介入服務應顧及文化差異，才可因應文化背景照顧不同需要。增強受助者能力的介入可使受助婦女在經歷創傷後恢復控制及決策的能力。有關的研究結果有助世界衛生組織轄下的生殖健康和研究部草擬有關醫療機構回應婦女暴力的技術指引。

高齡人口醫護服務

13. 本港人口正急速老化。到了二零三三年，預計會有 27% 的香港市民年屆 65 歲或以上。因此，長者健康成為本港其中一項主要的研究課題。研究長者護理問題有三個項目已經完成，當中包括研究採用跨專科護理的個案管理模式，以提升患有早期痴呆症長者的生活質素，並減輕其照顧者的負擔。有關的研究發現，個案管理及家訪可減少在

社區居住的輕度痴呆症長者出現抑鬱徵狀，並能鼓勵其家庭照顧者尋求外界協助(例如聘用受薪護理員和採用收費的日間護理服務)，以及改善家庭照顧者的心理健康。隨着照顧痴呆症患者的日間服務制度的發展，這種個案管理模式可發揮更大效用，長遠而言亦有助免除或延遲長者入住安老院舍。

精神健康服務的提供

14. 精神病對本港的醫療系統造成極大負擔，因此有關精神健康服務提供模式的研究，有助精神健康服務工作小組制訂綜合的精神健康政策。根據一個評估精神病介入計劃的研究項目所得的結果，顯示以個案管理和專責的跨專業小組模式作出及早介入，均大幅降低住院率及住院期、提升日常生活功能，以及減少有風險的行為。有關項目所得的實證，已呈交精神健康服務工作小組研究，並提供予醫管局作規劃服務之用。

吸煙與健康

15. 令吸煙人士擺脫對尼古丁的化學作用和心理的倚賴，是減少吸煙的重要一步。基金資助在香港進行有史以來首個隨機控制試驗，針對不願戒煙但擬減少吸煙量的華籍吸煙者，研究為這些人士提供減少吸煙的輔導並加上免費尼古丁替代療法所產生的成效。減少吸煙的介入

能有效地協助無意戒煙者戒煙或把每日吸煙量減少 50%或以上。協助吸煙人士減少吸煙能吸引不願或不準備戒煙的人士。研究結果對香港規劃戒煙服務有重要意義。

促進健康與運動

16. 基金曾批撥多筆撥款資助進行有關生活方式風險因素(包括運動)的研究。由於恒常運動證實有助控制體重、減少心血管病和糖尿病的風險，以及改善精神健康狀態，體能活動一直是其中一個優先的研究範疇。已完成的項目發現，由兩個或以上人士結成小組實行同行結伴制，在體能活動方面互相給予正面激勵，以及使用計步器讓活動參與者知悉其每日的活動量，均能大幅增加長者的平均活動量和體能水平的有用方法。對於年齡較大的長者組群，這類有激勵效用的措施和器材，隨時可採用來幫助他們增加體能活動量至可應付的水平。太極等非劇烈運動，亦證實能顯著改善健康。這些有助改善健康的措施，有助制訂促進健康的政策。

食物及衛生局委託進行的衛生及醫療服務研究項目

17. 二零零七至二零零九年期間，政府委託進行 19 項針對特殊公共衛生問題和事件的衛生及醫護服務研究項目，包括評估擴大控煙法例

的成效，以及三聚氰胺對健康的影響。由食物及衛生局資助的衛生及醫護服務委託研究項目一覽表，載於**附件 B**。

評估基金的表現

18. 獲食物及衛生局資助並已完成的研究項目，其所產生的影響力會定期採用「回本基準」的方法作出評估。這個評估方法由英國布魯內爾大學醫療經濟學研究組制訂，是國際公認的醫療研究工作衡量基準。在這個評估方法下，選出一些主要研究範疇來為所投放的研究撥款進行衡工量值。由於研究項目由完成、發表以至對政策制訂產生影響力，當中必然涉及一個時間過程，因此只有完成時間超過 18 個月的項目才納入評估。二零零九年十月，我們邀請 33 個已完成研究項目的首席研究員參與新一輪的評估，所得結果已併入於二零零六年評審的 178 個獲基金和前醫療服務研究基金資助的已完成項目的結果內。

19. 與其他國家的八個類似的基金比較，已完成項目的成果及成效在所有回本範疇與這些基金表現不相伯仲(**附件 C**)。基金資助進行的衛生及醫護服務研究，不但有助醫護政策的制訂及醫護服務的提供，又取得大量與衛生有關的知識，增強在研究醫護服務方面的能力和儲備人才，以及物有所值。獲基金和前醫療服務研究基金資助的研究所產生的影響力，詳情如下：

- 獲基金(和前醫療服務研究基金)資助的項目，大部分(88.2%)都曾發表有關研究結果的文章，每個項目平均發表 5.4 篇文章。有實據作為基礎的知識得以轉化為影響和引領醫療服務政策。
- 逾三分之一(33.6%)獲得基金(和前醫療服務研究基金)資助的項目，通過製作全新的或經修訂的治療指引、治療程序、參照標準，以及 Cochrane 中心評論文章(Cochrane reviews)¹，對制訂政策產生影響。
- 基金對建立香港的科研能力和基礎設施一直發揮關鍵作用。從事與資助研究項目有關工作的研究人員，其科學和醫護研究技術有所改進，並獲所屬的院校晉升。據報有 34.1%的項目，其研究隊的人員獲得晉升。另據報有 38.9%的項目的研究人員取得更高資歷；這些高技術人員成為香港重要的策略研究資產。

¹ *Cochrane* 中心評論文章(Cochrane reviews)是有關治療效用方面備受國際重視的驗證資料來源。

撥款情況

20. 在基金的 7,600 萬元核准承擔額中，有 4,900 萬元已經動用，如上文所述用以資助研究項目。基金到現時為止尚未動的款額為 2,700 萬元，而二零零九至一零年度公開撥款申請所需的撥款承擔額預計約為 2,000 萬元。因此，基金需要額外撥款，以便在二零一零至一一年度及以後繼續資助研究項目。

21. 在基金以外特別預留作委託進行衛生及醫護服務研究項目的 2,800 萬元，當中有 1,500 萬元已經動用，用以資助核准項目，另外有 1,000 萬元亦已預留用以委託進行精神健康研究；這項研究目前正在審批，預計會在二零一零年批出。由於需要應急應對特殊的公共衛生問題及事件，因此需要額外撥款就特定課題委託進行研究。

基金有需要繼續運作和加強角色

22. 基金和前醫療服務研究基金所資助的項目獲取有用的資料，有助引領政策的制訂、醫療系統的規劃和臨牀服務的提供，在整體上對從事醫護人員有莫大有的幫助。由於香港研究界對公共衛生問題的認識加深，因此撥款申請和獲批項目的數目多年來均逐步上升，而資助額亦相應增加。

23. 鑑於持續進行的醫療改革和各項具體措施(例如加強基層醫療及

精神健康護理)的推出，未來數年有需要向本地研究組織獲取相關資料。因此，基金繼續推動研究尤為重要，以便提供重要資料協助在醫療改革這些重要範疇制訂醫療政策，讓我們集中精力處理需要特別留意的範疇，以及根據可靠實證訂定有效而快捷的解決方法。此外，這是同樣重要以基金資助以客觀及科學的準則評估政策計劃及措施的影響的研究項目，當中包括這些措施改變如何影響我們達到改善人口健康的目標。

24. 為能針對衛生政策或問題的特定範疇進行更具重點和協調的應變研究，研究局亦建議基金應資助委託的研究，以處理特殊的衛生問題，填補科研上不足之處，以及應對可威脅公眾健康的問題或回應公眾需要。如有公共衛生事件發生，進行這類有重點的研究更為重要。委託的研究能提升本港的科研能力和應變能力，獲取有關落實應對措施和管理事件的知識，並可協助食物及衛生局制訂政策。迄今，食物及衛生局為應對特殊事件曾以專案性質資助進行這類委託的研究。把資助這類委託研究納入基金內，可讓我們可利用基金的既定程序來評審和監察這些委託研究，確保一旦發生公共衛生事件和問題時，我們有所需的撥款應對這些事件和問題。

財政影響

25. 近年來，獲基金和食物及衛生局資助值得研究和核准的衛生及醫護服務研究項目，所涉的總撥款額一直維持在每年 2,000 萬元至 2,500 萬元左右。二零零九年四月，研究局建議把每個項目的撥款上

限由 80 萬元提高至 100 萬元，以便與研究資助局轄下優配研究金所資助項目的平均撥款額一致，當中亦考慮到自一九九三年以來，消費物價指數上升和研究人員薪金均有所增加。隨着這個限額上調，隨後所接受的撥款申請預期獲批的撥款，預計會進一步增加。

26. 因此，現建議在未來的五年把基金的核准承擔額增加 1 億 5,000 萬元，每年估計的撥款支出約為 3,000 萬元，以便繼續資助衛生及醫護服務研究，提供資料引領政策的制訂、醫療系統的規劃和臨牀服務的提供。這個撥款需求已兼顧到有需要在公開申請撥款和委託進行的研究中，增加醫療改革措施方面的研究支援。訂定五年的時間表，可讓學術界和醫護專業人員有穩定的研究綱領來設定和擬備相關的研究建議，並讓食物及衛生局有時間審視和評估成效和政策的影響。

徵詢意見

27. 請委員就基金的承擔額由 7,600 萬元增至 2 億 2,600 萬元的建議，提供意見並予以支持。倘獲委員的支持，我們會把建議提交財務委員會考慮。

食物及衛生局

二零零九年十一月

獲基金資助的項目

Project Title	Administering Institution	Year of Commencement	Status
Public health theme			
Development and validation of prompted stair climbing as an intervention to increase healthy lifestyle activity in Hong Kong	HKU	2004	Completed
Evaluation of energy expenditure and cardiovascular health effects from Tai Chi and walking exercise	CUHK	2004	Completed
A study of marital satisfaction among Hong Kong couples	HKU	2004	Completed
Outcome of an early intervention programme for psychosis (EASY): a case controlled study	HKU	2005	Completed
A cost-effectiveness analysis of mammography screening in Hong Kong Chinese using state-transition markov modelling	HKU	2005	Completed
Explaining coronary heart disease trends in Hong Kong: creation of a model for policy and planning	HKU	2005	Completed
A 3-year follow-up study of the Hong Kong Population Health Survey cohort on overweight and obesity and its related behavioural factors	HKU	2007	Completed
The impact of smoke-free policies on population health outcomes	HKU	2007	Completed
The prevalence of chronic pain, fatigue, and insomnia in the general population of Hong Kong	HKU	2007	Completed
The economic burden of diabetes related to excess body weight in Hong Kong present and future	HKU	2007	Completed

Project Title	Administering Institution	Year of Commencement	Status
Neck Pain in Hong Kong: A Telephone Survey on Consequences and Health Service Utilisation	PolyU	2007	Completed
Prevalence of physical activity and depression and their interrelationships with self-care compliance among patients with diabetes mellitus in Hong Kong	CUHK	2007	Completed
Hong Kong on the move: An intervention for increasing physical activity in children	HKU	2007	Completed
Risks from passive smoking by workers in the catering industry	HKU	2007	Completed
A retrospective cohort study on the risk factors and outcomes of childhood obesity in Hong Kong	HKU	2007	Completed
Are the 2006 World Health Organisation standards for infant growth applicable to Hong Kong Chinese? Universalistic standards or epidemiologic transition stage-specific norms	HKU	2008	Completed
A randomized controlled trial of the effectiveness of traditional Chinese style physical exercise (Tai Chi) in the maintenance of cognitive and functional abilities in subjects with mild cognitive impairment.	CUHK	2007	Ongoing
Mental health enhancement: Cognitive training for Hong Kong Chinese persons with schizophrenia in vocational rehabilitation	PolyU	2007	Ongoing
Long-term neurocognitive outcomes of children prenatally exposed to low-dose methylmercury	CUHK	2007	Ongoing
Physical Activity for Children in Special School Environments	HKU	2007	Ongoing
A proactive family smoking cessation intervention for parents of children 0-18 months: A randomised controlled trial	HKU	2007	Ongoing

Project Title	Administering Institution	Year of Commencement	Status
A survey on health status of childhood cancer survivors	CUHK	2008	Ongoing
Establish Spirometric Reference Standards for Preschool Children in Hong Kong	CUHK	2008	Ongoing
A population-based prospective study to investigate the associations of obesity and adipokines with the incidence of cardiovascular disease and cancer	HKU	2008	Ongoing
Is moderate alcohol use causally protective against cardiorespiratory disease?	HKU	2008	Ongoing
Determinants of public perceptions of air pollution risk and related pro-environmental behaviours in Hong Kong	HKU	2008	Ongoing
REM sleep behavioral disorder and psychiatry: a hidden but potential serious condition. A case-control study.	CUHK	2009	Ongoing
Prevalence of nonalcoholic fatty liver disease and advanced liver fibrosis in Hong Kong: a cross-sectional population study using magnetic resonance spectroscopy and transient elastography	CUHK	2009	Ongoing
Wheeze during the first 18 months of life: A prospective cohort study to explore the associations with indoor nitrogen dioxide, formaldehyde and family history of asthma	CUHK	2009	Ongoing
Does infant or childhood obesity lead to adolescent depression?	HKU	2009	Ongoing
Infant and childhood growth and blood pressure in adolescence	HKU	2009	Ongoing
Health services theme			

Project Title	Administering Institution	Year of Commencement	Status
Constraint induced movement therapy in Chinese patients with stroke in the subacute period	RH & TSK Hospital	2004	Completed
Effects of psycho-educational interventions in managing chemotherapy-associated nausea and vomiting (CANV) in pediatric oncology patients: a pilot project	CUHK	2004	Completed
Improving perioperative outcome in the elderly surgical patients. An evaluation of nitrous oxide in the gas mixture for anesthesia	CUHK	2004	Completed
A case management model of interdisciplinary care to improve quality of life of older people with early dementia and to reduce their caregiver burden	CUHK	2004	Completed
A randomized controlled trial of the efficacy of a model of psychosocial intervention in improving quality of life and psychological well-being of Chinese patients with colorectal cancer	HKU	2004	Completed
Factors influencing delayed presentation of symptomatic breast cancer	HKU	2004	Completed
Health-related quality of life measures for Hong Kong Chinese children with cancer	HKU	2004	Completed
An evaluation of the effectiveness of an empowerment intervention in a group of abused Chinese women	HKU	2004	Completed
Quality adjusted life years (QALYS) - population-specific measurement of the quality component	HKU	2004	Completed
The provision and evaluation of a suicide prevention and management programme by frontline nurses in Hong Kong	CUHK	2004	Completed

Project Title	Administering Institution	Year of Commencement	Status
An evaluation of the effectiveness of different models of health care delivery in the primary care setting of general outpatient clinics in Hong Kong.	CUHK	2004	Completed
Genitourinary problems and mood disorders in elderly Chinese men-a first epidemiological cohort study in Hong Kong	CUHK	2004	Completed
Translation and validation of two Chinese health-related quality of life instruments in patients with coronary heart disease	CUHK	2004	Completed
A pilot study to examine the feasibility and acceptability of a community model for exercise prescription for patients with chronic diseases	CUHK	2004	Completed
A three year follow-up study of supported employment and traditional vocational rehabilitation for individuals with severe mental illness	PolyU	2005	Completed
Mental imagery in promoting task generalisation for people after a stroke	PolyU	2005	Completed
A randomized controlled trial for the cost-effectiveness of using Dermabond (2-Octyl cyanoacrylate) versus suture in the lacerated wound closure	CUHK	2005	Completed
Cancer patients with fever and neutropenia: a prospective evaluation of risk assessment tools and infectious etiology in Hong Kong	CUHK	2005	Completed
Inequalities in oral health and oral health care delivery in Hong Kong: an analysis of extant data	HKU	2005	Completed
Postpartum Depression among Hong Kong Chinese Men	CUHK	2005	Completed
A randomized controlled clinical trial: The effect of mindfulness-based stress reduction programme on pain, as well as quality of life in chronic	CUHK	2005	Completed

Project Title	Administering Institution	Year of Commencement	Status
pain sufferers			
Development of the OMQoL: an oropharyngeal mucositis-specific measure of quality of life in patients with cancer therapy	CUHK	2005	Completed
Short- and medium-term outcomes of accelerated infant growth in a Hong Kong Chinese birth cohort	HKU	2005	Completed
The effectiveness of compression bandaging on wound healing and psychosocial outcomes in older people with venous ulcers - a randomized controlled trial.	CUHK	2007	Completed
Ageing and utilisation of hospital services in Hong Kong: retrospective cohort study	CUHK	2007	Completed
Assessing self-care behavior of heart failure patients: cross-cultural adaptation of two heart failure self-care instruments.	CUHK	2007	Completed
Development and validation of measures to study the effects of the built environment on walking in Hong Kong senior residents using a convenience sample	HKU	2007	Completed
A RCT to test the effectiveness of a telephone intervention to improve the mental health of community dwelling women abused by their intimate partners	HKU	2007	Completed
Psychosocial and physical outcomes after surgery for breast cancer: A five to six year follow-up and exploration of consultation factors.	HKU	2007	Completed
Diets of Hong Kong P5-P6 students, and validity and reliability of a "Two-Minute Assessment" (TMA) rapid dietary questionnaire measuring healthy eating behaviors among this group	CUHK	2008	Completed

Project Title	Administering Institution	Year of Commencement	Status
A randomised controlled trial of a brain preservation diet in preventing cognitive decline in old age hostel residents	CUHK	2008	Completed
Stages of change, self-stigma, and treatment compliance among Chinese adults with severe mental illness	PolyU	2007	Ongoing
Delirium and cognitive decline after surgery: A randomized controlled trial of Anesthetic management to improve postoperative mental health outcome.	CUHK	2007	Ongoing
Is pressurized irrigation an effective alternative swabbing for wound cleansing?	PWH	2007	Ongoing
Factors and outcomes of oral mucositis in paediatric patients undergoing chemotherapy for the treatment of cancer.	CUHK	2007	Ongoing
The effect of motivational interviewing on the clinical outcomes, psychological outcomes and health-related quality of life of cardiac rehabilitation clients with poor motivation	CUHK	2007	Ongoing
A study for effects of poor visibility on hospitalization in Hong Kong	HKU	2007	Ongoing
Changing Infant Feeding Models: Impact of Cessation of Complimentary Infant Formula in Public Hospitals on the Duration and Exclusivity of Breastfeeding	HKU	2007	Ongoing
Health-related Quality of Life and Health Preference of Patients with Chronic Hepatitis B Infections	HKU	2007	Ongoing
Can Calcium and Vitamin-D Supplementation Improve Bone Quality and Curve Progression in Adolescent Idiopathic Scoliosis Girls with Low Bone Mineral Density? A Randomised-Controlled Trial Study	CUHK	2007	Ongoing

Project Title	Administering Institution	Year of Commencement	Status
Computed tomography angiography and venography in place of catheter angiography for acute spontaneous non-hypertensive intracerebral haemorrhage	CUHK	2008	Ongoing
Validation of the NINDS-VCI Neuropsychology Protocols in Chinese stroke patients	CUHK	2008	Ongoing
Stroke incidence and mortality trends in Hong Kong: implications for public health education efforts and health resource utilization	CUHK	2008	Ongoing
The neuroeconomics of health care financing options: A study of willingness to pay and save	CUHK	2008	Ongoing
Pathological Internet use and associated factors among university students in Hong Kong	CUHK	2008	Ongoing
Unintentional home injury in Hong Kong: A cross-sectional epidemiological study on the risk factors and public health implication of non-fatal unintentional home injury in Hong Kong	CUHK	2008	Ongoing
A Community OT falls reduction programme for elderly attending A&E because of fall	QMH	2008	Ongoing
An Epidemiologic Survey of Vitamin D Deficiency in Chinese Patients with Moderate to Severe Chronic Kidney Disease	HKU	2008	Ongoing
Two-year follow-up of the Hong Kong Student Obesity Surveillance Project (HKSOS) on trends and predictors of adolescent obesity and related behaviours	HKU	2008	Ongoing
The cost-effectiveness of screening for diabetic retinopathy in Hong Kong	HKU	2008	Ongoing

Project Title	Administering Institution	Year of Commencement	Status
Physical health needs and lifestyle choices on quality of life among people with mental illness in the community	CUHK	2009	Ongoing
A randomized placebo controlled trial of low dose angiotensin converting enzyme inhibitor to prevent pneumonia in older people who require nasogastric tube feeding because of neurological dysphagia	CUHK	2009	Ongoing
Assessment of functional outcome in patients sustaining moderate and major trauma	CUHK	2009	Ongoing
A prospective investigation of the prognostic value of 'TIMI' and 'front door TIMI' in Chinese patients presenting to the emergency department with undifferentiated chest pain	CUHK	2009	Ongoing
Association between HLA-B*1502 allele and antiepileptic drugs-induced severe cutaneous reactions in Han Chinese: a Hong Kong-wide population based study	CUHK	2009	Ongoing
High-dose Simvastatin for aneurysmal subarachnoid haemorrhage: Is it better?	CUHK	2009	Ongoing
Amyloid Burden in Poststroke Dementia	CUHK	2009	Ongoing
Can We Predict Postoperative Cardiac Complication with Endothelial Function Test?	CUHK	2009	Ongoing
A randomized, controlled clinical trial: The effects of mindfulness-based cognitive therapy on generalized anxiety disorder and health service utilization in primary care	CUHK	2009	Ongoing
Assessment of Mental Capacity for Everyday Decision-Making for the Chinese older population	CUHK	2009	Ongoing

Project Title	Administering Institution	Year of Commencement	Status
Comparison of Oral Prednisolone and Oral Indomethacin in the Treatment of Acute Gout-like Arthritis: A Multi-centre, Double-Blind, Randomized Trial	CUHK	2009	Ongoing
Evidence-based adjustment of topical glaucoma drop use among Hong Kong patients	CUHK	2009	Ongoing
Quality of life and symptom measurements in Chinese women with pelvic floor disorders - Validation study of Pelvic Floor Distress Inventory and Pelvic Floor Impact Questionnaire	CUHK	2009	Ongoing
The effect of decision aids on treatment decision making for breast cancer surgery: A randomized controlled trial	HKU	2009	Ongoing
Cost-Effective Osteoporosis Intervention Thresholds for Hong Kong Southern Chinese Postmenopausal Women	HKU	2009	Ongoing
Validation of Caries Risk Assessment Programs in Hong Kong Children	HKU	2009	Ongoing
A cost effectiveness analysis of Helicobacter pylori screening for gastric cancer in Hong Kong Chinese: a decision analytic approach	HKU	2009	Ongoing
A Randomized Controlled Trial of a Professional Breastfeeding Support Intervention to Increase the Exclusivity and Duration of Breastfeeding	HKU	2009	Ongoing
The association of cardiovascular risk factors with intervertebral disc degeneration	HKU	2009	Ongoing
Neurocognitive and Psychosocial Outcomes of Obstructive Sleep Apnea in Hong Kong Chinese	HKU	2009	Ongoing
The effectiveness of therapeutic play on pre- and post-operative anxiety and emotional responses of Hong Kong Chinese children having elective surgery: a randomized controlled trial	HKU	2009	Ongoing

Project Title	Administering Institution	Year of Commencement	Status
Clinical efficacy of a community occupational therapy program on functional competence of persons with dementia and skill enhancement of caregivers: a randomized controlled trial	PolyU	2009	Ongoing
Can botulinum toxin decrease carer burden in long-term care residents with upper limb spasticity? A randomized controlled study	Shatin Cheshire Home	2009	Ongoing
Chinese medicine theme			
A randomized, double-blind, placebo-controlled study of the therapeutic effect and safety of a Traditional Chinese Medicine (TCM) for atopic dermatitis in children	CUHK	2004	Completed
A randomized controlled trial of the long-term efficacy of electroacupuncture for chronic neck pain	HKBU	2007	Completed
A randomized controlled trial of Chinese herbal medicine in the treatment of functional constipation	HKBU	2007	Completed
An integrated approach to treatment using auriculotherapy (AT) and Western medication for uncontrolled hypertension	CUHK	2007	Completed
Attitudes and behaviour towards the use of Traditional Chinese Medicine amongst allopathic physicians in Hong Kong	CUHK	2007	Completed
A pilot project to evaluate the effects of auriculotherapy in relieving symptoms of constipation and improving quality of life in elderly residential care homes residents	OUHK	2008	Completed
Rapid and specific determination of DNA adducts for clinical diagnosis of poisoning and disease associated with aristolochic acids	HKBU	2007	On-going
Evaluation of a Tai chi Qigong programme on respiratory functions and activity tolerance in patients with Chronic Obstructive Pulmonary	CUHK	2008	On-going

Project Title	Administering Institution	Year of Commencement	Status
Disease (COPD)			
Electroacupuncture for postoperative ileus after laparoscopic colorectal surgery: a randomised sham-controlled study	CUHK	2008	On-going
Evaluation of the pharmacological activities of health supplements derived from Chinese medicine in the amelioration of symptoms of allergic asthma	CUHK	2008	On-going
Safety studies on commonly used Chinese herbal medicines during pregnancy	CUHK	2008	On-going
A single-blind, randomised, sham controlled study of electroacupuncture in accelerating the onset of antidepressant action of selective serotonin reuptake inhibitors via serotonergic mechanisms	HKU	2008	On-going
Exploring the potential of Sophora flavescens (Ku-Shen) as a booster for antiretroviral therapy through Cytochrome P450 3A4 inhibition	CUHK	2009	On-going

食物及衛生局資助之衛生及醫護服務委託研究項目

Project Title	Administering Institution	Year of Commencement	Status
Effects of anti-smoking legislation			
An evaluation of the new anti-smoking legislation on youth smoking and quitting behaviour in Hong Kong	HKU	2007	Completed
Evaluating the impact of the new anti-smoking legislation on secondhand smoke exposure of children in the homes	HKU	2007	Completed
Primary care and preventive medicine			
Incentives and barriers to adopting the family doctor model in Hong Kong: an in-depth qualitative study of the views, knowledge, and attitudes of patients	CUHK	2007	Completed
Utilization Pattern of Primary Health Care Services in Hong Kong – Does Having a Family Doctor Make Any Difference?	HKU	2007	Completed
A Study Investigating Factors that Affect Long Term Care Use in Hong Kong	CUHK	2007	Completed
Morbidity and management patterns of community-based primary health care services in Hong Kong	HKU	2007	Completed
Cervical cancer prevention through cytologic and HPV DNA screening in Hong Kong Chinese women	HKU	2007	Completed
Elderly care			
Advance directive and the preference of old age home residents for community model of end-of-life care in the Hong Kong	HKU	2007	Completed
Emergency department intervention for high risk elders in Hong Kong: validation of an identification strategy and randomised controlled trial to	CUHK	2007	Completed

Project Title	Administering Institution	Year of Commencement	Status
reduce hospitalisation and institutionalization			
Self management and the role of pharmacists in developing an effective primary care system: developing a consensus based policy framework	CUHK	2007	Completed
Medium and long-term health effects associated with melamine exposure			
Measuring melamine and its effects on urine crystallisation kinetics and cell responses	CUHK	2009	On-going
Case-control study of Sichuan and Hong Kong children with melamine associated renal stones - renal ultrasounds and urinary IL-8 and MCP-1	HKU	2009	On-going
Development of laboratory diagnostic tools for supporting clinical and animal researches on melamine and its analogue intoxication	CUHK	2009	On-going
Prevalence of melamine incident and follow-up studies in Hong Kong school children	CUHK	2009	On-going
Impact of chronic tolerable daily intake of melamine and related compounds on renal and vascular function in pregnant and neonatal rats	CUHK	2009	On-going
Melamine toxicity in fetus and infant	CUHK	2009	On-going
Mechanism of melamine-induced human urinary bladder carcinoma	HKU	2009	On-going
Medium and long-term follow up of children with history of melamine exposure in Hong Kong: a multicentre study	CUHK	2009	On-going
The melamine milk – kidney and developmental toxicity: impact on the foetus and the disease development later in life	HKU	2009	On-going
Mental health studies*			

* Mental health studies to be commissioned are currently being peer-reviewed and the project list is thus not included.

基金(與前醫療服務研究基金)研究項目在成果及成效方面與其他國家的基金作比較

	海外基金 ¹	國民衛生服務－ 實踐方法計劃 ² (2003)	國民衛生服務－ 母嬰健康 ³ (2001)	基金(與前醫 療服務研究 基金)
知識生產				
有發表刊物的項目(%)	78.9% – 98.2%	不適用	85.5%	88.2%
每個項目出版刊物(平均數字)	3.7 – 5.7	3.33	4.4	5.4
每個項目所出版並經同業評審的刊物 (平均數字)[幅度]	0.9 – 4.8 [0 – 48]	1.64	2.45	2.1 [0 – 14]
每個項目所出版並經非同業評審的刊物 (平均數字)	1.7 – 2.4	1.69	1.95	3.3
為研究選定目標及建立科研能力				
提供學術資格的項目(%)	22.5% – 60.5%	25%	31%	38.9%
每個項目所提供的學術資格(平均數字)	1.0 – 2.2	1.0	1.25	1.4
其後衍生研究項目的項目(%)	34.6% – 76.0%	41.7%	35%	44.1%
每個其後衍生的研究項目所獲的額外撥 款(平均值－港元)	130萬 – 320萬元	170萬元	101萬元	150萬元
協助制訂政策及產品發展／行為改變				
導致政策改變的項目(%)	16.0% – 78.0%	30%	27%	33.6%
導致實務改變的項目(%)	26.7% – 68.4%	27%	31%	47.4%
衛生／醫療服務／經濟效益				
帶來效益的項目(%)	23.1% – 63.5%	不適用	23%	43.6%

¹ 亞伯達省傳統基金會醫學研究類獎助金(加拿大)、國民衛生服務的全國研究及發展計劃－基層和第二層醫護服務銜接問題(英國)、國民衛生服務的全國研究及發展計劃－母嬰健康(英國)³、國民衛生服務的全國研究及發展計劃－實踐方法計劃(英國)²、國民衛生服務的反應研究計劃(英國)、國家衛生和醫學研究協會(澳洲)、健康研究委員會－公共衛生研究(新西蘭)、健康研究委員會－醫療生物及臨牀研究(新西蘭)