

23rd World Nursing and Healthcare Conference

July 10-12, 2017 Berlin, Germany

Total laparoscopic-assisted hysterectomy among healthcare professionals: A population-based study in Taiwan

Chiang-Hsing Yang

National Taipei University of Nursing and Health Sciences, Taiwan

Abstract: Little is known about the surgical decision-making of well-informed patients associated with the different types of procedures. This study aimed to compare the rate of total laparoscopic-assisted hysterectomy between healthcare professionals and the general female population in Taiwan based on different access to medical knowledge. A retrospective population-based study was retrieved from Taiwan's National Health Insurance Research Datasets (NHIRD). We identified 74,251 women undergoing total laparoscopic-assisted hysterectomy compared with 107,429 those with total hysterectomy without laparoscopic assistance between 1998 and 2006. Rates of total laparoscopic-assisted hysterectomy were determined according to patient, hospital, and attending gynecologist characteristics. Univariate and multivariate logistic regression models were used to estimate the likelihood of performing total laparoscopic-assisted hysterectomy in relation to healthcare professionals and the general female population. Healthcare professionals, especially physicians (OR 0.55; 95% CI 0.33–0.91) and other healthcare professionals (OR 0.69; 95% CI 0.54–0.88) were significantly less likely to undergo total laparoscopic-assisted hysterectomy than the general female population after adjusting for characteristics of patient, hospital and attending gynecologist. However, nursing staff had a similar likelihood as the general female population.

Lower total laparoscopic-assisted hysterectomy rate among Taiwanese physicians and other healthcare professionals was attributable to superior medical information, familiar with the healthcare system, and varied practice patterns.

Biography

Chiang-Hsing Yang has completed his PhD in 1994 from University of Alabama at Birmingham. He is currently a professor at National Taipei University of Nursing and Health Sciences. He has published more than 25 papers in reputed journals, including Social Science & Medicine, Health Services Research, Environmental Health Perspectives, Environmental International, and PLoS etc.

Notes: