

TITLE:

Global Trends and Prospects in Health Economics of Robotic Surgery: A Bibliometric Analysis

FIRST AUTHOR: Yihao Peng, Yuancheng Liu

Supplemental Digital Content 1: Search strategy

Health Economics search terms¹:

TS=(expenditure* OR expense* OR fund* OR budget* OR spend* OR price* OR financ* OR cost* OR economic* OR macroeconomic* OR pharmacoeconomic* OR affordab* OR purchas* OR reimburse* OR pre-pay* OR co-pay* OR copay* OR insurance OR market* OR "cost-effective*" OR "cost-utility" OR "cost-benefit" OR "economic evaluation" OR "cost per death" OR "cost per case" OR "cost per infection" OR "cost per life" OR "cost per disability-adjusted" OR "cost per quality-adjusted" OR "cost per qaly" OR qaly OR daly OR "technology assessment" OR performance OR productiv* OR efficien* OR "benefit-incidence" OR "data envelopment" OR "stochastic frontier" OR malmquist OR "Pabon-Lasso")

Robotic surgery search terms²:

TS=((robot* AND *guid*) AND *surg*) or TS=((robot* AND *assist*) AND *surg*) or TI=(robot*AND *surg*)

Search strategy:

TS=(expenditure* OR expense* OR fund* OR budget* OR spend* OR price* OR financ* OR cost* OR economic* OR macroeconomic* OR pharmacoeconomic* OR affordab* OR purchas* OR reimburse* OR pre-pay* OR co-pay* OR copay* OR insurance OR market* OR "cost-effective*" OR "cost-utility" OR "cost-benefit" OR "economic evaluation" OR "cost per death" OR "cost per case" OR "cost per infection" OR "cost per life" OR "cost per disability-adjusted" OR "cost per quality-adjusted" OR "cost per qaly" OR qaly OR daly OR "technology assessment" OR performance OR productiv* OR efficien* OR "benefit-incidence" OR "data envelopment" OR "stochastic frontier" OR malmquist OR "Pabon-Lasso") AND (TS=((robot* AND *guid*) AND *surg*) or TS=((robot* AND *assist*) AND *surg*) or TI=(robot*AND *surg*))

References

1. Shen LN, Wang SM, Dai W, Zhang ZG. Detecting the Interdisciplinary Nature and Topic Hotspots of Robotics in Surgery: Social Network Analysis and Bibliometric Study. *Journal of Medical Internet Research*. 2019;21(3)
2. Gheorghe A, Gad M, Ismail SA, Chalkidou K. Capacity for health economics research and practice in Jordan, Lebanon, the occupied Palestinian territories and Turkey: needs assessment and options for development. *Health Research Policy and Systems*. 2020;18(1).