The educational preparation of nurses in a developing economy and patient mortality

Ziyad R Mahfoud¹, Ioannis Gkantaras², Anne Elizabeth Topping³, Ann Marie Cannaby⁴, Brent Foreman⁵, Roger Watson⁶, David R. Thompson⁷ and Richard Gray⁸

1. Associate Professor, Weill Cornell Medical College, Doha, Qatar
2. Independent Consultant, Athens, Greece
3. Professor of Nursing, Birmingham University, Birmingham, UK
4. Professor of Nursing Science, Birmingham City University, Birmingham, UK
5. Assistant Executive Director of Nursing, Hamad Medical Corporation, Doha, Qatar
6. Professor of Nursing, The University of Hull, Hull, UK
7. Professor of Nursing, The Australian Catholic University, Melbourne, Australia
8. Professor of Clinical Nursing Practice, La Trobe University and Healthscope, Melbourne, Australia

Corresponding author
Richard Gray, Rm 112, Health Sciences 1, La Trobe University, Science Drive, Melbourne, VIC 3086, Australia. E: r.gray@latrobe.edu.au, T: +61 481248182

Word count (including abstract): 3,073

Author contributions
RG, IG, AT, AMC, RW, RW and DT developed the idea for the study. RG was the principal investigator for the study. IG and ZM set up the databases. Data extraction was done by IG. ZM, RG and IG assessed the quality of the extracted data and did the analyses. RG, BF, AT, AMC, RW and DT contributed to interpretation of data. RG wrote the first draft of the paper. All authors contributed to the final manuscript. All authors approved the final version of the paper.

Acknowledgements
We would like to thank Paul Halliday and Akram Mostafa Ibraheem, Director of Health Information Management and HR ERP teams respectively for their contribution in providing access to the relevant data sources and their continuous commitment to excellence at Hamad Medical Corporation. Without their assistance, the particular research project would not have been possible.
Competing interests
The authors declare they have no competing interests

Funding
No funding was received for this project