**Research topic proposal**

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Research question:

Is a robot trustworthy for surgery?

Purpose statement:

This paper explains the extent to which robotic surgeries are being reliable .Creating awareness about the advantages and disadvantages of robotic surgery.

Literature review plan:

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|  | List of points with citation |
| Para 1: INTRODUCTION | * Surgical operation using robot * To upgrade the abilities of specialists performing open surgery. |
| Para 2: ADVANTAGES | * Minimum use of surgical instruments * Use of 3D imaging and endowrist technology * Made technically unfeasible surgeries possible * Improved Skill in performing surgery |
| Para 3:  DISADVANTAGES | * Highly technical * Not available in all places * Very expensive * Safety aspect of patient |
| Para 4:  DEVELOPING TRUST AND AWARENESS | * Through social media and newspaper * Newspaper covering successful operation stories |
| Para 5  PATIENT/FAMILY EXPERIENCE | * Less blood * Less hospital stay * better recovery * Unaffordable to many financially unstable families |
| Para 6  PATIENT SAFETY ASPECTS | * Precautions to increase safety * Any disruption in robot system causes danger to patient health * Trusting a robot is a difficult task |

**References**

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* Mack, M. J. (2001). Minimally invasive and robotic surgery. *Jama*, *285*(5), 568-572.
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* Weinstein, G. S., O'Malley Jr, B. W., Snyder, W., & Hockstein, N. G. (2007). Transoral robotic surgery: supraglottic partial laryngectomy. *Annals of Otology, Rhinology & Laryngology*, *116*(1), 19-23.