

**A. Research Projects completed in past 3 years – Dr Lovenish Bains, Professor, Surgery**  
(as PI and Co-PI)

1. PERioperative respiratory care and outcomes for patieNts Undergoing high risk abdomiNal surgery---- A 2x2 factorial, international pragmatic randomised controlled trial across low and middle-income countries. PENGUIN
2. GRACE Study - 30-Day Morbidity and Mortality of SurGeRy for PerforAted Peptic UICer
3. CovidSurg-3: Outcomes of Surgery in COVID-19 infection.
4. Determining the effectiveness of color coded footprints in a public hospital.
5. An international, cluster randomised-sequence study of a 'Safe-anastomosis' Quality Improvement Intervention to reduce anastomotic leak following right colectomy and ileocaecal resection (EAGLE)
6. Incidence, diagnosis, management and outcome of Acute MESenteric Ischaemia: a prospective, multicentre observational study (AMESI Study)
7. To determine etiological factors for the intestinal perforation
8. What are the unmet need of the surgical workforce in delivering essential surgical care ?
9. HIPPO- Hernias, Pathway and Planetary Outcomes for Inguinal Hernia Surgery
10. Assessment of Acute Postoperative Pain Management Practices and Pain Scores in Patients Undergoing Abdominal Surgeries in Indian Hospitals
11. Evaluation and management of mesh infection after inguinal hernia repair: Delphi consensus guided by systematic review.
12. Global Trauma Care Delphi Study, University of Cambridge

**B. List the Research projects in progress - Dr Lovenish Bains, Professor, Surgery**

1. To determine etiological factors for the intestinal perforation
2. Examining the views of Surgeons and hospital staff on using the Surgical Checklist- ELEPHANT
3. ALIGATOR- Appendicitis Global Outcomes Study: Identifying areas for whole systems strengthening in emergency care"
4. Disposable versus Reusable drApes and Gowns for green OperatiNg theatres

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