## Current On-Going Research Projects

### Colorectal Surgery

<table>
<thead>
<tr>
<th>No</th>
<th>Researcher</th>
<th>Project Details</th>
</tr>
</thead>
</table>
| 1  | Adj Assoc Prof Charles Tsang Bih-Shiou | - ROLARR: Robotic versus Laparoscopic Resection for Rectal Cancer (PI)  
- Randomized Controlled Trial of Haemorrhoidal Artery Ligation (HAL) versus Stapled Haemorrhoidectomy for Third Degree Haemorrhoids (PI)  
- Long term outcome following advancement flaps for high anal fistulae in an Asian population: A single institution's experience of 50 patients (Collaborator)  
- Long term results of ligation of intersphincteric fistula tract (LIFT) technique in the management of anal fistula (Collaborator)  
- Validation of Endorectal Ultrasound Staging Algorithm Software (PI)  
- Validation of ULTRAST in Endorectal Ultrasound Scan Studies (PI) |
| 2  | Dr Cheong Wai Kit | - ROLARR: Robotic versus Laparoscopic Resection for Rectal Cancer (Collaborator)  
- Significance of Pericolonic Tumour Deposits in Colorectal Cancer (PI)  
- MRI evaluation in the preoperative local staging of rectal cancer (PI) |
| 3  | Asst Prof Dean Koh Chi Siong | - ROLARR: Robotic versus Laparoscopic Resection for Rectal Cancer (Collaborator)  
- A new application of the 4-arm Standard da Vinci® surgical system: totally robotic assisted left sided colon or rectal resection (PI)  
- CUSUM analysis: Evaluating the learning curve in Hand-assisted laparoscopic colectomy and auditing performance (PI)  
- Long term outcome following advancement flaps for high anal fistulae in an Asian population: A single institution's experience of 50 patients (Collaborator)  
- Long term results of ligation of intersphincteric fistula tract (LIFT) technique in the management of anal fistula (Collaborator)  
- Randomized Trial demonstrating the impact of laparoscopic (key-hole) versus open colon resections on disseminated colorectal cancer cells in the peripheral blood and inflammatory response (PI) |
| 4  | Dr Frances Lim Sheau Huei | - ROLARR: Robotic versus Laparoscopic Resection for Rectal Cancer (Collaborator)  
- Randomized Controlled Trial of Haemorrhoidal Artery Ligation (HAL) versus Stapled Haemorrhoidectomy for Third Degree Haemorrhoids (Co-I) |
| 5  | Dr Alileen Seah Ai Lin | - ROLARR: Robotic versus Laparoscopic Resection for Rectal Cancer (Collaborator)  
- Validation of Endorectal Ultrasound Staging Algorithm Software (Collaborator)  
- Validation of ULTRAST in Endorectal Ultrasound Scan Studies (Collaborator) |
| 6  | Dr Tan Ker Kan | - Long term outcome following advancement flaps for high anal fistulae in an Asian population: A single institution's experience of 50 patients (PI)  
- Long term results of ligation of intersphincteric fistula tract (LIFT) technique in the management of anal fistula (PI) |
| 7  | Dr Sharon Koh Zhiling | - Seprafilm in infected fields for Colorectal Surgery (PI) |
| 8  | Dr Jerry Goo | - Randomized Controlled Trial of Haemorrhoidal Artery Ligation (HAL) versus Stapled Haemorrhoidectomy for Third Degree Haemorrhoids (Co-I) |