



DEPARTMENT OF SURGERY
RESEARCH AUDIT

29/1/2019

Faculty of Medicine
UNIVERSITY OF MALAYA



Academic Staff – Dept of Surgery

Active Academicians : 50

Staff on Study leave / Sabbatical : 8

	Professor	Associate Professor	Lecturer	Study leave	Active Staff
General	2	5	14	1	21
<i>Breast</i>	1	1	3	1	5
<i>Colorectal</i>	1	1	5	1	7
<i>Endocrine</i>	0	1	2	0	3
<i>Hepatobiliary</i>	0	1	2	0	3
<i>Upper GI</i>	0	1	1	0	2
<i>Vascular</i>	0	0	1	0	1
Cardiothoracic	2	0	2	1	4
Paediatric	2	0	2	1	4
Plastic	0	1	2	1	3
Neurosurgery	2	4	2	2	8
Urology	2	0	4	1	6
<i>Research</i>	0	0	4	0	4
TOTAL	10	10	30	8	50 (ACTIVE)

General Surgery Division

Colorectal

HPB

Endocrine

Upper GI

Breast

Vascular

Colorectal Unit

Total number of publications: 5 (5 ISI Papers)

1. GlobalSurg Collaborative. Surgical site infection after gastrointestinal surgery in high-income, middle-income, and low-income countries: a prospective, international, multicentre cohort study. *Lancet Infect Dis.* **2018 May**; 18(5):516-525. doi: 10.1016/S1473-3099(18)30101-4. **Epub 2018 Feb 13.** (*ISI-indexed*)
2. Stebbing J, Shah K, Lit LC, Gagliano T, Ditsiou A, Wang T, Wendler F, Simon T, Szabó KS, O'Hanlon T, Dean M, **Roslani AC**, Cheah SH, Lee SC, Giamas G. LMTK3 confers chemo-resistance in breast cancer. *Oncogene.* **2018 Jun**; 37(23):3113-3130. doi: 10.1038/s41388-018-0197-0. **Epub 2018 Mar 15.** (*ISI-indexed*)
3. GlobalSurg Collaborative. Laparoscopy in management of appendicitis in high-, middle-, and low-income countries: a multicenter, prospective, cohort study. *Surg Endosc.* **2018 Aug**; 32(8):3450-3466. doi: 10.1007/s00464-018-6064-9. **Epub 2018 Apr 5.** (*ISI-indexed*)
4. GlobalSurg Collaborative. Management and Outcomes Following Surgery for Gastrointestinal Typhoid: An International, Prospective, Multicentre Cohort Study. *World J Surg.* **2018 Oct**; 42(10):3179-3188. doi: 10.1007/s00268-018-4624-8. (*ISI-indexed*)
5. Teh, MS, Chong, HY, **Roslani, AC.** (2018). Impact of PET scan in staging and managing primary rectal cancer. *Asian Journal of Surgery.* **2018 Dec 6.** pii: S1015-9584(18)30714-0. doi: 10.1016/j.asjsur.2018.10.006. [**Epub ahead of print**] (*ISI-indexed*)

Colorectal Unit

Grants:

1. A Prospective Single Blinded Randomized Controlled Trial In Elective Laparotomy: Short Vs Long Stitch Technique In Abdominal Wall Closure; **2018 - 2018**, *Postgraduate Research Grant (PPP)*
2. An Assessment Of Postoperative Pain Using Vas Score, **2016 - 2018**, *Postgraduate Research Grant (PPP)*
3. Laser haemorrhoidoplasty outcomes, **2017 - 2018**, *Private Funding*

HPB Unit

Total number of publications: 2 (2 ISI Papers)

1. Cheung TT, Han HS, She WH, Chen KH, Chow PKH, **Yoong BK**, Lee KF, Kubo S, Tang CN, Wakabayashi G. The Asia Pacific Consensus Statement on Laparoscopic Liver Resection for Hepatocellular Carcinoma: A Report from the 7th Asia-Pacific Primary Liver Cancer Expert Meeting Held in Hong Kong. *Liver Cancer*. **2018 Mar**; 7(1):28-39. doi: 10.1159/000481834. **Epub 2017 Dec 9.** (*ISI-indexed*)
2. Chow PKH, Gandhi M, Tan SB, Khin MW, Khasbazar A, Ong J, Choo SP, Cheow PC, Chotipanich C, Lim K, Lesmana LA, Manuaba TW, **Yoong BK**, Raj A, Law CS, Cua IHY, Lobo RR, Teh CSC, Kim YH, Jong YW, Han HS, Bae SH, Yoon HK, Lee RC, Hung CF, Peng CY, Liang PC, Bartlett A, Kok KYY, Thng CH, Low AS, Goh ASW, Tay KH, Lo RHG, Goh BKP, Ng DCE, Lekurwale G, Liew WM, GebSKI V, Mak KSW, Soo KC; Asia-Pacific Hepatocellular Carcinoma Trials Group. SIRveNIB: Selective Internal Radiation Therapy Versus Sorafenib in Asia-Pacific Patients With Hepatocellular Carcinoma. *J Clin Oncol*. **2018 Jul 1**; 36(19):1913-1921. doi: 10.1200/JCO.2017.76.0892. **Epub 2018 Mar 2.** (*ISI-indexed*)

HPB Unit

Grants:

1. A multi-national cohort study on the impact of intra-tumoural genomic heterogeneity and the immune micro-environment on the clinical trajectory of resected hepatocellular carcinoma (PLANET), **2017 – 2020**.
2. A prospective, multicenter, double-randomised, double blind, 2-parallel groups, phase 3 study to compare as first line therapy efficacy and safety of masitinib in combination with gemcitabine, to gemcitabine in combination with placebo, followed as second line treatment by masitinib in combination with FOLFIRI 3 versus placebo in combination with FOLFIRI 3 in the treatment of non resectable locally advanced or metastatic pancreatic cancer, **2016 – 2018**.
3. Indocyanine Green Enhanced Fluorescence Cholangiography Assisted Laparoscopic Cholecystectomy Versus Conventional Laparoscopic Cholecystectomy : A Prospective Study, **2017 - 2018**

Endocrine Unit

Total number of publications: 3 (2 ISI Papers)

1. Cheah PL, Koh CC, Khang TF, Goh KL, **Lau PC**, Chin KF, Teoh KH, Toh YF, Looi LM. Esophageal squamous cell carcinomas in a Malaysian cohort show a lack of association with human papillomavirus. *J Dig Dis.* **2018 May**; 19(5):272-278. doi: 10.1111/1751-2980.12605. (*ISI-indexed*)
2. Subramaniam K, Low WY, **Lau PC**, Chin KF, Chinna K, Kosai NR, Taher MM, Rajan R. Eating Behaviour Predicts Weight Loss Six Months after Bariatric Surgery: A Longitudinal Study. *Nutrients.* **2018 Nov 2**;10(11). pii: E1616. doi: 10.3390/nu10111616. (*ISI-indexed*)
3. **Wong LF, Lau PC.** IDDF2018-ABS-0187 Jejunal Tumour – A Paradigm Shift from Open to Minimally Invasive Approach. *Gut* 2018;67:A69 (*SCOPUS-Indexed*)

Upper GI

Total number of publications: 3 (2 ISI paper)

1. Cheah PL, Koh CC, Khang TF, Goh KL, **Lau PC**, Chin KF, Teoh KH, Toh YF, Looi LM. Esophageal squamous cell carcinomas in a Malaysian cohort show a lack of association with human papillomavirus. *J Dig Dis*. **2018 May**; 19(5):272-278. doi: 10.1111/1751-2980.12605. (*ISI-indexed*)
2. Subramaniam K, Low WY, **Lau PC**, Chin KF, Chinna K, Kosai NR, Taher MM, Rajan R. Eating Behaviour Predicts Weight Loss Six Months after Bariatric Surgery: A Longitudinal Study. *Nutrients*. **2018 Nov 2**;10(11). pii: E1616. doi: 10.3390/nu10111616. (*ISI-indexed*)
3. **Wong LF, Lau PC**. IDDF2018-ABS-0187 Jejunal Tumour – A Paradigm Shift from Open to Minimally Invasive Approach. *Gut* 2018;67:A69 (*SCOPUS-Indexed*)

Upper GI

Grants:

1. Assessing interaction among surgeons, anaesthetists and nurses in an operation theatre. **2016-2019**. (PPP grant).
2. Extensive Peritoneal Lavage after Curative Gastrectomy for Gastric Cancer: a Randomized Controlled Trial (EXPEL Study), **2017-2021**
3. Self Gripping Mesh Versus Staple Fixation In Laparoscopic Hernia Repair: A Prospective Randomised Trial, **2018 – 2018** (PPP grant)

Vascular

Total number of publications: 1 (1 ISI PAPER), 2 Book Chapters

1. Safri LS, Md Noh MSF, **Hariz Ramli AR**, Md Pauzi SH, Md Idris MA, Harunarashid H. A case of metastatic adenocarcinoma from an unknown primary involving the aortic bifurcation. *J Vasc Surg Cases Innov Tech.* **2018 Apr 30**; 4(2):160-162. doi: 10.1016/j.jvscit.2018.03.004. (*ISI-indexed*)
2. Postgraduate Vascular Surgery: A Candidate's Guide to FRCS and Board Exams (2nd edition):
 - Chapter 19: Leg Swelling and Lymphoedema
 - Chapter 20: Varicose Veins and Chronic Venous Insufficiency

Breast

Total number of publications: 16 (15 ISI & 1 Scopus Papers)

1. **See MH**, Bhoo-Pathy N, **Jamaris S**, **Kiran A**, Evans DG, Yip CH, **Taib NA**. Low Lifetime Risk of Contralateral Breast Cancer in a Middle-Income Asian Country: Evidence to Guide Post-treatment Surveillance. World J Surg. 2018 May;42(5):1270-1277. doi: 10.1007/s00268-017-4319-6. **(ISI - Indexed)**
2. Lim IL, Loo AVP, Subrayan V, Khang TF, **See MH**, Alip A, **Taib NAM**. Dosage-dependent reduction of macular pigment optical density in female breast cancer patients receiving tamoxifen adjuvant therapy. Breast. 2018 Jun;39:117-122. doi: 10.1016/j.breast.2018.04.003. Epub 2018 Apr 13. **(ISI Indexed)**
3. Colombo M, Lòpez-Perolio I, Meeks HD, Caleca L, Parsons MT, Li H, De Vecchi G, Tadini E, Foglia C, Brenner H, Burwinkel B, Chang-Claude J, Conroy DM, Couch FJ, Cox A, Cross SS, Nevanlinna H, Olson JE, Peterlongo P, Peto J, Pylkäs K, Sawyer EJ, Schmidt MK, Schmutzler RK, Schneeweiss A, Schoemaker MJ, **See MH**, Southey MC, Swerdlow A, Teo SH, Toland AE, Tomlinson I, Truong T, van Asperen CJ, van den Ouweland AMW, van der Kolk LE, Winqvist R, Yannoukakos D, Zheng W; kConFab/AOCS Investigators, Dunning AM, Easton DF, Henderson A, Hogervorst FBL, Izatt L, Offitt K, Side LE, van Rensburg EJ, Embrace S, Hebon S, McGuffog L, Antoniou AC, The BRCA2 c.68-7T > A variant is not pathogenic: A model for clinical calibration of spliceogenicity. Hum Mutat. 2018 May;39(5):729-741. doi: 10.1002/humu.23411. Epub 2018 Apr 6. **(ISI - Indexed)**
4. Subramaniam S, Kong YC, Chinna K, Kimman M, Ho YZ, Saat N, Malik RA, **Taib NA**, Abdullah MM, Lim GC, Tamin NI, Woo YL, Chang KM, Goh PP, Yip CH, Bhoo-Pathy N. Health-related quality of life and psychological distress among cancer survivors in a middle-income country. Psychooncology. 2018 Jun 1. doi: 10.1002/pon.4787. **[ISI - Indexed]**

Breast

5. Chan CMH, Ng CG, **Taib NA**, Wee LH, Krupat E, Meyer F. Course and predictors of post-traumatic stress disorder in a cohort of psychologically distressed patients with cancer: A 4-year follow-up study. Cancer. 2018 Jan 15;124(2):406-416. doi: 10.1002/cncr.30980. Epub 2017 Nov 20. **(ISI- Indexed)**

6. Majid HA , Low Phei Keow, **Tania Islam** et al Nutritional status of breast cancer survivors one year after diagnosis: A preliminary analysis from the Malaysian Breast Cancer Survivorship Cohort (MyBCC) study. J Acad Nutr Diet. 2018: 118(4):705-713. doi: 10.1016/j.jand.2017.05.024 **(ISI-Indexed)**

7. Chui PL, Abdullah KL, Wong LP, **Taib NA**. Complementary and Alternative Medicine Use and Symptom Burden in Women Undergoing Chemotherapy for Breast Cancer in Malaysia. Cancer Nurs. 2018 May/Jun;41(3):189-199. doi:10.1097/NCC.0000000000000527. **(ISI- Indexed)**

8. C. H. Yip , **N. A. Taib** , C. V. Song , R. K. Pritam Singh & G. Agarwal. Early Diagnosis of Breast Cancer in the Absence of Population-Based Mammographic Screening in Asia. Current breast cancer reports. (2018) **(Scopus Index)**

Breast

9. [Balasundram S¹](#), [Salekan K](#), [Ahmad Shariffuddin FN](#), [Taib NA](#), [Adnan TH](#). Overall Survival and Local Recurrence Among Breast Cancer Patients in Hospital Sultanah Nora Ismail Batu Pahat, 2007-2013. *Asian Pac J Cancer Prev*. 2018 Sep 26;19(9):2409-2415.
10. [Song CV¹](#), [Teo SH¹](#), [Taib NA²](#), [Yip CH³](#). Surgery for *BRCA*, TP53 and PALB2: a literature review. *Ecancermedalscience*. 2018 Aug 29;12:863. doi: 10.3332/ecancer.2018.863.
11. [Abdul Hamid S^{1,2}](#), [Rahmat K¹](#), [Ramli MT^{1,2}](#), [Fadzli F¹](#), [Jamaris S³](#), [See MH³](#), [Teoh KH⁴](#), [Taib NAM³](#). Radiopathological characteristics and outcomes of phyllodes tumor of the breast in Malaysian women. *Medicine (Baltimore)*. 2018 Aug;97(31):e11412. doi: 10.1097/MD.00000000000011412.
12. Tan MM, Ho WK, Yoon SY, Mariapun S, Hasan SN, Lee DS, Hassan T, Lee SY, Phuah SY, Sivanandan K, Ng PP, Rajaram N, Jaganathan M, **Jamaris S**, **Islam T**, Rahmat K, Fadzli F, Vijayanathan A, Rajadurai P, **See MH**, Thong MK, **Mohd Taib NA**, Yip CH, Teo SH .A case-control study of breast cancer risk factors in 7,663 women in Malaysia. *PLoS One*. 2018 Sep 14;13(9):e0203469. doi: 10.1371/journal.pone.0203469 (*ISI-Indexed*)

BREAST

13. Nurul Aqilah Mohd Nor, **Nur Aishah Taib**, Marniza Saad, Sarinder Kaur Dhillon (2018). Development of Electronic Medical Records for Clinical and Research Purposes: The Breast Cancer Module Using an Implementation Framework in a Middle Income Country- Malaysia, BMC Bioinformatics (in press) (*ISI-Indexed*)
14. **Jamaris S.** Bittner A.-K.· **See M.H**, Liedtke C.^f. Kolberg H.-C, .(2018) Re-Excision Rates in Breast-Conserving Surgery for Invasive Breast Cancer after Neoadjuvant Chemotherapy with and without the Use of a Radiopaque Tissue Transfer and X-ray System. Breast Care.(**ISI indexed**)
15. **Li-Ying Teoh**, Mei-Shi Teoh , Khoon-Leong Ng (2018) .A comparison of aesthetic outcome between tissue adhesive and subcuticular suture in thyroidectomy wound closure in a multiracial country: A randomized controlled trial. Asian Journal of Surgery. (**ISI indexed**)
16. Hong Yung Yip, **Nur A. Taib**, Haris A. Khan, Sarinder K.Dhillon. Electronic Health Record Integration. Oxford Elsevier (2019)(**ISI indexed**)

Extended Abstract

Taib Na, Islam T, Mushtaffa S, Kaur R. Treatment Information and Navigation Program for New Patients with Breast Cancer in Malaysia. Journal of Global Oncology 2018 (**Extended abstract**).

Book/Chapter

Hong Yung Yip, **Nur A. Taib**, Haris A. Khan and Sarinder K. Dhillon (2019) Electronic Health Record Integration. In: Ranganathan, S., Gribskov, M., Nakai, K. and Schönbach, C. (eds.), Encyclopedia of Bioinformatics and Computational Biology, vol. 2, pp. 1063–1076. Oxford: Elsevier.

Breast

Grant

1. Multidisciplinary Point of Care Data Capture for Innovative Healthcare: The i-Pesakit Breast Cancer Module prototype, enhancement of the University Malaya Medical Centre i-Pesakit electronic medical record, (2017 – 2019), *Prototype Research Grant Scheme (PRGS)*
2. An In-vivo Optical Fibre Radiation Dosimetry System For The Intrabeamic System In Breast Cancer Patients Undergoing Breast Conserving Surgery Intraoperative Radiotherapy, (2015 – 2018), *Geran Penyelidikan Universiti Malaya (UMRG Programme) - HTM (Wellness)*
3. Lipofilling In Breast Surgery: Volumetric Assessment Between Centrifuged And Pure Fat Graft, (2015 – 2018), *Geran Penyelidikan Universiti Malaya (UMRG Programme) - HTM (Wellness)*
4. Breast Cancer Risk Attributable With Mammographic Density Of The Breast And Body Fat, (2015 – 2018), *Geran Penyelidikan Universiti Malaya (UMRG Programme) - HTM (Wellness)*
5. Vitamin D And Risk Of Breast Cancer In Malaysia, (2015 – 2018), *Geran Penyelidikan Universiti Malaya (UMRG Programme) - HTM (Wellness)*,

Breast

Grant

6. Determinants Of Adherence To Therapies Among Malaysian Women With Breast Cancer: Mybcc Cohort, 2016 - 2018, *Postgraduate Research Grant (PPP) - Course & Disertation*
7. Terry Fox Grant with Cancer Research Malaysia “Women’s Decision-Making and Development of a Culturally Appropriate Decision Support Intervention for Risk Management of Breast and Ovarian Cancer in Malaysian Women with *BRCA* Mutations”. - (2018)
8. Newton-Ungku Omar Fund, Analysis of new antigen and immune profiles of Asian breast cancer patients focusing on common germline deletion of APOBEC3Bcystosine deaminase, (Prof. Nur Aishah Mohd Taib Co investigator) (1st Jan 2017 till31 Dec 2018)
9. Toyoto Foundation grant- Exploring a new value of shared decision-making for prevention of breast cancer in women with BRCA gene mutations; (1 May 2017 to 30 April 2019)
10. Developing a Breast Cancer Awareness Psychoeducational Tool in Malaysian women to improve health literacy and Early Detection; UMCARES (31st December 2018 – 31st December 2019)
11. The Outcomes And Associated Factors Of Financial Support Among Breast Cancer Survivors, (PI), 2015 - 2018, *Postgraduate Research Grant (PPP) -*

Urology

Neurosurgery

Paediatric Surgery

Cardiothoracic

Plastics

Research

Urology

Total number of publications: 17 (13 ISI Papers)

1. Ray Mond Mark, Hasniza Zaman Huri, **Azad Hassan Abdul Razack**. Demographic, Clinical and Lifestyle Predictors for Severity of Erectile Dysfunction and Biomarkers level in Malaysian Patients. Brazilian Journal of Pharmaceutical Sciences 2018 (accepted) (ISI-Indexed)
2. Ng KL, Del Vecchio SJ, Samaratunga H, Morais C, **Rajandram R**, Wood ST and Gobe GC (2018). Leptin and its receptor: can they help to differentiate chromophobe renal cell carcinoma from renal oncocytoma?. Pathology (Accepted) (ISI-Indexed)
3. **Kuppusamy S**, Quek KF, **Rajandram R**, **Razack AHA** and Dublin N (2018). Revisiting prostate specific antigen density (PSAD): a prospective analysis in predicting the histology of prostate biopsy. International Journal of Clinical and Experimental Medicine (Accepted) (ISI-Indexed)
4. Ng KL, **Yap NY**, **Rajandram R**, Small D, Pailoor J, **Ong TA**, **Razack AH**, Wood ST, Morais C & Gobe GC (2018). Nuclear factor- κ B (NF- κ B) subunits and their prognostic cancer-specific survival value in renal cell carcinoma patients. Pathology, in press (ISI-Indexed)
5. **Lim J**, Rampal S, **Abdul Razack AH**, Malek R, Sundram M, Nasuha NA, Ooi CC, **Ong TA**, Sothilingam S (2018). A novel calculator for estimating prostate volume in daily urology services. Urology. In press (ISI-Indexed)

Urology (Publications)

6. Schumacher FR, Olama AAA, Berndt SI, Benlloch S, Ahmed M, Saunders EJ, Dadaev T, Leongamornlert D, Anokian E, Cieza-Borrella C, Goh C, Sheng X, Fachal L, Denis J, Tyrer J, Muir K, Lophatananon A, Stevens VL, Gapstur SM, Carter BD, Tangen CM, Goodman PJ, Thompson IMJ, Batra J, APCB BioResource, Chambers S, Moya L, Clements J, Horvath L, Tilley W, Risbridger GP, Gronberg H, Aly M, Nordström T, Pharoah P, Pashayan N, Schleutker J, Tammela TLJ, Sipeky C, Auvinen A, Albanes D, Weinstein S, Wolk A, Hakansson N, West CML, Dunning AM, Burnet N, Mucci LA, Giovannucci E, Andriole GL, Cussenot O, Cancel-Tassin G, Koutros S, Freeman LEB, Sorensen KD, Orntoft TF, Borre M, Maehle L, Grindedal EM, Neal DE, Donovan JL, Hamdy FC, Martin RM, Travis RC, Key TJ, Hamilton RJ, Fleshner NE, Finelli A, Ingles SA, Stern MC, Rosenstein B, Kerns S, Ostrer H, Lu YJ, Zhang HW, Feng N, Mao X, Guo X, Wang G, Sun Z, Giles GG, Southey MC, MacInnis RJ, Fitzgerald LM, Kibel AS, Drake B, The IMPACT Study Steering Committee, Vega A, Gómez-Caamaño A, Szulkin R, Eklund M, Kogevinas M, Llorca J, Castaño-Vinyals G, Penney KL, Stampfer M, Park JY, Sellers TA, Lin HY, Stanford JL, Cybulski C, Wokolorczyk D, Lubinski J, Ostrander EA, Geybels M, Nordestgaard BG, Nielsen SF, Weisher M, Bisbjerg R, Røder MA, Iversen P, Brenner H, Cuk K, Holleczeck B, Maier C, Luedeke M, Schnoeller T, Kim J, Logothetis CJ, John EM, Teixeira MR, Paulo P, Cardoso M, Neuhausen SL, Steele L, Ding YC, Ruyck KD, Meerleer GD, Ost P, **Razack A, Lim J** et al. (2018) Association analyses of more than 140,000 men identify 63 new prostate cancer susceptibility loci. *Nature Genetics*. doi: 10.1038/s41588-018-0142-8. (*ISI-Indexed*)
7. Dadaev T, Saunders Ed, Newcombe P, Anokian E, Leongamornlert D, Brook M, Cieza-Borrella C, Mijuskovic M, Wakerell S, Olama AAA, Schumacher F, Berndt S, Benlloch S, Ahmed M, Goh C, Sheng X, Zhang Z, Muir K, Govindasami K, Lophatananon A, Stevens VL, Gapstur SM, Carter BD, Catherine Tangen, Tangen CM, Goodman PJ, Thompson IMJ, Batra J, Chambers S, Moya L, Clements J, Horvath L, Tilley W, Risbridger G, Gronberg H, Aly M, Nordström T, Pharoah P, Pashayan N, Schleutker J, Tammela TLJ, Sipeky C, Auvinen A, Albanes D, Weinstein S, Wolk A, Hakansson N, West C, Dunning A, Burnet N, Mucci L, Giovannucci E, Andriole G, Cussenot O, Cancel-Tassin G, Koutros S, Beane-Freeman L, Sørensen K, Ørntoft T, Borre M, Maehle L, Grindedal E, Neal D, Donovan J, Hamdy F, Martin R, Travis R, Key T, Hamilton R, Fleshner N, Finelli A, Ingles S, Stern MC, Rosenstein B, Kerns S, Ostrer H, Lu YJ, Zhang HW, Feng N, Mao X, Guo X, Wang G, Sun Z, Giles G, Southey M, MacInnis RJ, FitzGerald LM, Kibel A, Drake BF, Vega A, Gómez-Caamaño A, Fachal L, Szulkin R, Eklund M, Kogevinas M, Llorca J, Castaño-Vinyals G, Penney K, Stampfer M, Park J, Sellers T, Lin HY, Stanford J, Cybulski C, Wokolorczyk D, Lubinski J, Ostrander E, Geybels M, Nordestgaard BG, Nielsen SF, Weisher M, Bisbjerg R, Røder MA, Iversen P, Brenner H, Cuk K, Holleczeck B, Maier C, Luedeke M, Schnoeller T, Jeri Kim, Logothetis C, John E, Teixeira M, Paulo P, Cardoso M, Neuhausen S, Steele L, Ding Y, Ruyck KD, Meerleer GD, Ost P, **Razack A, Lim J** et al. (2018). Fine-mapping of prostate cancer susceptibility loci in a large meta-analysis identifies candidate causal variants. *Nature Communications* 9: 2256 doi: 10.1038/s41467-018-04109-8. (*ISI-Indexed*)

Urology (Publications)

8. Ho LY, Chu PS, Consigliere DT, Zainuddin ZM, Bolong D, Chan CK, Eng M, Huynh DN, Kochakarn W, Lapitan MCM, Le DK, Le QD, Lee F, Lojanapiwat B, Nguyen BN, **Ong TA**, Reyes BJ, Santingamkun A, Tsang WC, Abrams P. (2018). Symptom prevalence, bother, and treatment satisfaction in men with lower urinary tract symptoms in Southeast Asia: a multinational, cross-sectional survey. *World J Urol*, 36(1), 79-86. doi:10.1007/s00345-017-2097-2 (*ISI-Indexed*)
9. **Yap, N.Y.**, Khoo, W.T., **Perumal, K.**, Ng, K.A., **Rajandram,R.**, Alip, A., Saad, M. & **Ong, T.A.** (2018), Practical updates in medical therapy for advanced and metastatic renal cell carcinoma. *Urological Science*, 29 (3), 120-8. (*SCOPUS-Indexed*)
10. Lojanapiwat B, Lee JY, Gang Z, Kim CS, Fai NC, Hakim L, Umbas R, **Ong TA**, **Lim J**, Letran JL, Chiong E, Lee SH, Türkeri L, Murphy DG, Moretti K, Cooperberg M, Carlie R, Hinotsu S, Hirao Y, Kitamura T, Horie S, Onozawa M, Kitagawa Y, Namiki M, Fukagai T, Miyazaki J, Akaza H. (2018) Report of the third Asian Prostate Cancer (A-CaP) Study Meeting. *Prostate International*. doi: 10.1016/j.prn.2018.06.001 (*SCOPUS-Indexed*)
11. Chiong, E., Murphy, D.G., Akaza, H., Buchan, N.C., Chung B.H., Kanavarar, R., Khochikar, M., Letran, J., Lojanapiwat, B., Ng, C.F., **Ong, T.A**, Pu, Y., Saad, M., Schubach, K., Türkeri, L., Umbas, R., Vu, L.C., Williams, S., Ye, D. & Davis, I.D. (2018). Management of patients with advanced prostate cancer in the Asia Pacific region: ‘real-world’ consideration of results from the Advanced Prostate Cancer Consensus Conference APCCC 2017. *BJU International*. doi: 10.1111/bju.14489 (*ISI-Indexed*)

Urology (Publications)

12. Yee, A., Loh, H.S., **Ong, T.A.**, Ng, C.G. & Sulaiman, A.H. (2018). Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Trial of Bupropion as Treatment for Methadone-Emergent Sexual Dysfunction in Men. American Journal Of Men's Health, 155798831878415. doi: 10.1177/1557988318784152 (*ISI-Indexed*)
13. Tan JSJ, Ong KC, Ong DBL, **Razack A, Lim J**, Yunus R, Sundram M, Rhodes A. Heterogenous expression of ERG oncoprotein in Malaysian men with adenocarcinoma of the prostate. The Malaysian journal of pathology. 2018;40:103-110. (*ISI-Indexed*)
14. Teoh JY, Cho CL, Wei Y, Isotani S, Tiong HY, **Ong TA**, Kijvikai K, Chu PS, Chan ES, Ng CF. (2018). A newly developed porcine training model for transurethral piecemeal and en bloc resection of bladder tumour. World J Urol. doi:10.1007/s00345-018-2602-2 (*ISI-Indexed*)
15. Abd Ghafar, N. K., Alip, A., **Ong, T. A., Yap, N. Y., & Saad, M.** (2018). Efficacy, safety, and prognostic indicators of first-line sunitinib in patients with metastatic renal cell carcinoma: A single center experience. J Cancer Res Ther, 14(6), 1303-1311. doi:10.4103/0973-1482.189247 (*ISI-Indexed*)
16. **Rajandram R, Perumal K, Yap NY.** Prognostic biomarkers in renal cell carcinoma: is there a relationship with obesity? Translational Andrology and Urology. 2018. (*SCOPUS-Indexed*)
17. Liu Y, Uemura H, Ye D, Lee JY, Chiong E, Pu YS, **Razack AHA**, Pripatnanont C, Rawal S, Low GKM, Qiu H, Chow WH, Losio MVK, Prostate cancer in Asia: Design of a patient registry to inform real-world treatments, outcomes and quality of life, Prostate International, doi.org/10.1016/j.pnrl.2018.12.001. (*SCOPUS-Indexed*)

Urology (Research Grants)

1. Links between cardiovascular risk factors dieting intake & renal stone composite - **Cook Grant for Research** (May 15-Apr 18)
2. Establishment and characterization of Malaysian Renal Cell Carcinoma Cell Lines - **PPP** (Apr 16-Apr 18)
3. Low Intensity shock wave therapy for Erectile Dysfunction - **Yayasan Jiwa Malaysia** (May 16-May 18)
4. Establishing the roles of the receptors involved in the purinergic signalling pathway in the human bladder - **FRGS** (Aug 16-Aug 18)
5. Deciphering Leptin and Leptin receptor and their mechanism in Renal Cell Carcinoma (RCC) resistance to targeted therapies - **BKP Special** (Mar 17-Sep 18)
6. Asia study group of prostate cancer - Malaysia Cohort (M-CaP Study) - **NIH, MOH & University of Tokyo** (Jan 17-Dec 18)
7. Establishing molecular mechanisms and therapeutic potential of histone H3 lysine 27(H3K27) demethylases in renal cell carcinoma and bladder cancers - **FRGS** (Aug 17-Aug 19)
8. Molecular profiling and pathway analysis of clinically aggressive Renal Cell Carcinoma - **UMRG** (Nov 17-Nov 19)

Urology (Awards/ IP)

1. Dr Jasmine Lim - Asian Universities Alliance Scholar Award, Asian Universities Alliance, 2018
2. Dr Retnagowri Rajandram - Distinguished Young Alumni Award, Malaysian Australian Alumni Council, 2018
3. Komathi A/P Perumal - Short-Term Research Internship STRI@KMU Program, Kaohsiung Medical University, 2018
4. Rebecca Anthony A/P Anthony Dass - Best Poster Award, Stem Cell & Cancer Symposium 2018
5. Dr Seng KL - Best Video Presentation, Malaysian Urological Conference 2018
6. 2 Copyrights for cell line method and cell line by **Yap NY, Rajandram R, Ong TA** and Morais C

Urology

1. Links between cardiovascular risk factors dieting intake & renal stone composite - **Cook Grant for Research** (May 15-Apr 18)
2. Establishment and characterization of Malaysian Renal Cell Carcinoma Cell Lines - **PPP** (Apr 16-Apr 18)
3. Low Intensity shock wave therapy for Erectile Dysfunction - **Yayasan Jiwa Malaysia** (May 16-May 18)
4. Establishing the roles of the receptors involved in the purinergic signalling pathway in the human bladder - **FRGS** (Aug 16-Aug 18)
5. Deciphering Leptin and Leptin receptor and their mechanism in Renal Cell Carcinoma (RCC) resistance to targeted therapies - **BKP Special** (Mar 17-Sep 18)
6. Establishing molecular mechanisms and therapeutic potential of histone H3 lysine 27(H3K27) demethylases in renal cell carcinoma and bladder cancers - **FRGS** (Aug 17-Aug 19)
7. Molecular profiling and pathway analysis of clinically aggressive Renal Cell Carcinoma - **UMRG** (Nov 17-Nov 19)
8. Asia study group of prostate cancer - Malaysia Cohort (M-CaP Study) - **NIH, MOH & University of Tokyo** (Apr 17-Dec 18)

Neurosurgery

Total number of publications: 15 (8 ISI Papers)

1. Veeramuthu V, Seow P, **Narayanan V**, Wong JHD, Tan LK, **Hernowo AT**, Ramli N. Neurometabolites Alteration in the Acute Phase of Mild Traumatic Brain Injury (mTBI): An In Vivo Proton Magnetic Resonance Spectroscopy (1H-MRS) Study. Acad Radiol. 2018 Feb 12 (*ISI-indexed*)
2. P Seow, **V Narayanan, AT Hernowo**, JHD Wong, N Raml. Quantification and Visualisation of Lipid Landscape in Gliomas using In -and Opposed-Phase Imaging . NeuroImage Clinical 2018 Aug (epub) (*ISI-indexed*)
3. KS Lim, SAB Ahmad, **V Narayanan**, K Rahmat, NM Ramli, KS Mun, KT Wong, N Ismail, CT Tan. Level 4 Comprehensive epilepsy program in Malaysia, a resource limited country. Neurology Asia 2018 Jan
4. Christine Lock, Janell Kwok, Sumeet Kumar, Azlina Ahmad-Annuar, **Vairavan Narayanan**, Adeline Ng, Jayne Tan, Nagaendran Kandiah, Eng King Tan, Zofia Czosnyka, Marek Czosnyka, John D Pickard, Nicole C Keong. DTI profiles for rapid description of cohorts at the clinical-research interface. **Frontiers in Medicine (section Translational Medicine)**, **5**, 357 Dec 2018.
5. **Vairavan Narayanan, Ronie Romelean Jayapalan, Amritpal Singh**, and Koh Kiok Miang. **Single Port Endoscope Assisted Excision of Forehead Lesions – An Innovative Way of Improving the Optical Cavity. The Journal of Craniofacial Surgery. Dec 2018. (ISI-indexed)**
6. French IT. **Muthusamy KA**. A Review of the Pedunculo pontine Nucleus in Parkinson’s Disease. Front Aging Neurosci. 2018 Apr 26;10:99. doi 10.3389/fnagi.2018.00099. eCollection 2018. Review. (*ISI-indexed*)
7. **Muthusamy KA**, Abdullah BJJ and **Waran V**. Pre-operative Hook-wire Localization of Thoracic Spinal Level for Intraspinal Pathology Requiring a Single Level Laminectomy. Journal of head neck and Spine Injury. Feb 8 2018.
8. Kong Yew Liew, Prepageran Narayanan, **Vicknes Waran**. Endoscopic Transsphenoidal Resection of Craniopharyngioma. J Neurol Surg B 2018;79(suppl S2):S203–S204.
9. **Sia SF** and Chang PL. My Journey To a Life of Neurosurgery

Neurosurgery

10. S. Ramesh, □, Z.Z. Loo, C.Y. Tan, W.J. Kelvin Chew, Y.C. Ching, F. Tarlochan, **Hari Chandran**, S. Krishnasamy, L.T. Bang, Ahmed A.D. Sarhang. Characterization of biogenic hydroxyapatite derived from animal bones for biomedical applications. *Ceramics International*. 44 (2018) 10525-10530. <https://doi.org/10.1016/j.ceramint.2018.03.072>. (*ISI-indexed*)
11. S.A. Adelekea, S. Ramesh, □, A.R. Bushroa, Y.C. Ching, I. Sopyan, M.A. Maleque, S. Krishnasamy, **Hari Chandran**, H. Misrane, U. Sutharsini. The properties of hydroxyapatite ceramic coatings produced by plasma electrolytic oxidation. *Ceramics International*. 44 (2018) 1802-1811. <http://dx.doi.org/10.1016/j.ceramint.2017.10.114>. (*ISI-indexed*)
12. Amir H Mehbodniya, Mahmoud Moghavvemi, Vairavan Narayanan, Vicknes Waran. Frequency And Causes Of Line Of Sight Issues During Neurosurgical Procedures Using Optical Image Guided Systems. *World Neurosurgery*. Oct 2018. <https://doi.org/10.1016/j.wneu.2018.10.069>. (*ISI-indexed*)
13. Revathi Rajagopal, Sheng Hoay Leong, Dharmendra Ganesan, Anita Zarina Bustam Mainudin, Kein Seong Mun, Jen Chun Foo, Vida Jawin, Tsiao Yi Ya, Hany Arifin. Outcome Of Intracranial Germ Cell Tumours: 20-year Experience Of A Single Tertiary Center From A Middle-income Country. *Dev-10*. 2018
14. Raj Poovindran Anada, Kum Thong Wong, Jaime Jacqueline Jayapalan, Onn Haji Hashim. Dharmendra Ganesan. Panel of serum biomarkers to grade the severity of traumatic brain injury. *Electrophoresis*. Mar 2018.
15. Nor Linda Abdullah, Renuka Gunasekaran, Siti Waheeda Mohd-Zin, Bee-Hui Lim, Pramila Maniam, Anis Shuhada Mohd-Salleh, Meow-Keong Thong, Zamri Chik, Noreena Nordin, Zaliha Omar, Julia Patrick Engkasan, Dharmendra Ganesan, Zakaria Nurul Aiezzah, Azlina Ahmad-Annuar and Noraishah Mydin Abdul-Aziz. Cranial neural tube defect after trimethoprim exposure. *BMC Res Notes*. Nov 2018. <https://doi.org/10.1186/s13104-018-3593-1>. (*ISI-indexed*)

Neurosurgery

Type	Grant Title	Researcher
University: UMRG	Epilepsy Surgery - Surgical Planning, Outcome, And Quality Of Life Study. Dec 2017 to Dec 2019. RM98,000	A/P Dr Vairavan Narayanan
National Sciencefund	Development of a Robotic Navigation System for Neurology and Spine Surgery	Prof Dr Vickneswaran
International	<p>Neurodegeenration and understanding of risk overlay in neuroimaging- an NPH study-A UM-national Neurological Institute Singapore collaboration. Jan 2017-Dec 2018</p> <p>Global Neurorauma Research- UM Cambridge University Collaboration. Jan 2018-Dec 2020.</p>	<p>A/P Dr Vairavan Narayanan</p> <p>Prof Dr Vickneswaran A/P Dr Vairavan Narayanan</p>

Paediatric Surgery

Total number of publications: 2 (2 ISI Papers); 1 book with chapters

1. E. Vardar , H.M. Larsson . Allazetta , E.M. Engelhardt. Pinnagoda , **G. Vythilingam** , J.A. Hubbell , M.P. Lutolf , P. Frey (2018). Microfluidic production of bioactive fibrin micro-beads embedded in crosslinked collagen used as an injectable bulking agent for urinary incontinence treatment. *Acta Biomaterialia* 67 ,156–166 (*ISI-Indexed*)
2. Hans Larsson, **Ganesh Vythilingam**, Kalitha Pinnagoda, Elif Vardar, Eva-Maria Engelhardt, Selvalingam Sothilingam, **Rajendrarao C Thambidorai**, Tunku Kamarul, Jeffrey Hubbell, and Peter Frey "Fiber density of collagen grafts impacts rabbit urethral regeneration" ; *Scientific Reports (ISI-Indexed)*
3. **Yee Ian Yik**. Chapters on Common Surgical Problems in Neonates, Infants and Children. Textbook of Paediatrics and Child Health. Editors: Way Seah Lee, Su Han Lum, Chee Geap Tay (Book)

In the pipeline:

1. Kearsey I, **Yik YI**, Southwell BR, Hutson JM. Constipation: a symptom of chronic food intolerance? Book chapter in Dietary interventions in gastrointestinal disease. Editor Dr. Ron Watson. Submitted.
2. John M Hutson, Melissa C Hynes, **Yee Ian Yik**, Duncan Veysey, David Cook, Coral Tudball, Bridget R Southwell. Investigating gastrointestinal transit patterns using scintigraphy in children with intractable, chronic constipation. *European Journal of Nuclear Medicine and Molecular Imaging*. Submitted.
3. JM Hutson, MC Hynes, I Kearsey, **YI Yik**, DM Veysey, CF Tudball, TM Cain, K Allen, BR Southwell. Chronic constipation in children: a possible link to irritable bowel syndrome. *Journal of Paediatrics and Child Health (UNDER REVISION)*

Paediatric Surgery

Grants

1. Genetics And Functional Genomics Of Neural Crest Stem Cells And Associated Diseases, Co-Investigator, 2015-2018, International Funding
2. Isolation and hydrogel encapsulation of human enteric nervous system stem cells and its delivery into aganglionic human bowel, Co-Investigator, 2015-2018, Fundamental Research Grant Scheme (FRGS), National
3. A 24-week Randomized open-label study to evaluate the safety and efficacy of Fesoterodine in subjects aged 6-17 years with symptoms of Detrusor over activity associated with a Neurological condition (Neurogenic detrusor over activity), Principal Investigator(PI), 2017 - 2018, *Private Funding*, (International)
4. Acellular collagen tubular matrix for long urethraL regeneration in the dog- A preclinical pilot study, Co-Investigator, 2016 - 2018, *Geran Penyelidikan Universiti Malaya (UMRG)*, (National)
5. Collagen Tubular Matrix For Long Urethral Regeneration (pilot Study In A Goat Model), Consultant, 2015 - 2018, *RU Geran*, (National)
6. A collagen based material that can be injected or implanted for urinary tract tissue,Duration :2017 - 2020: Medical And Health Sciences, Source of Funding :International Funding

Cardiothoracic

Total number of publications: 3 (3 ISI Papers)

1. Naim WNW, Ganesan PB, Sun Z, Lei J, Jansen S, **Hashim SA**, Ho TK, Lim E. Flow pattern analysis in Type B aortic dissection patients after stent-grafting repair: Comparison between complete and incomplete false lumen thrombosis. *Int J Numer Method Biomed Eng.* 2018 Jan 13. doi: 10.1002/cnm.2961 (ISI-Indexed)
2. S. Ramesh, Z.Z. Loo, C.Y. Tan, W.J. Kelvin Chew, Y.C. Ching, F. Tarlochan, Hari Chandran, **S. Krishnasamy**, L.T. Bang, Ahmed A.D. Sarhan. Characterization of biogenic hydroxyapatite derived from animal bones for biomedical applications, *Ceramics International*, 44, 10525-10530 (2018). (ISI-Indexed)
3. S.A. Adeleke, S. Ramesh, A.R. Bushroa, Y.C. Ching, I. Sopyan, M.A. Maleque, **S. Krishnasamy**, Hari Chandran, H. Misrane, U. Sutharsin. (2018). The properties of hydroxyapatite ceramic coatings produced by plasma electrolytic oxidation. *Ceramics International*: **44** (2) :1802-1811

Cardiothoracic

Grants:

1. The Comparison of Predictive Value of pre-operative and immediate post-operative proteinuria For Cardiac Surgery Associated Acute Kidney Injury, Principal Investigator **(PI)**, **2016 - 2017**, Postgraduate Research Grant (PPP) - Course & Disertation, (National)
2. The Comparison of Predictive Value of pre-operative and immediate post-operative proteinuria For Cardiac Surgery Associated Acute Kidney Injury, Principal Investigator**(PI)**, **2015 - 2017**, Postgraduate Research Grant(PPP), (National)
3. OPEN SAPHENOUS VEIN HARVEST VERSUS ENDOSCOPIC SAPHENOUS VEIN HARVEST IN UMMC: A HISTOLOGY AND IMMUNOHISTOCHEMISTRY STUDY COMPARISON, CONSULTANT, **2015 - 2017**, BANTUAN KECIL PENYELIDIKAN (BKP), (NATIONAL)

Plastics

Total number of publications: 1 (*1 ISI Paper*)

1. **Kong CK** (2018). Essentials of facial local flaps in respecting aesthetic units when reconstructing skin lesions. J Clin Exp Dermatol Res (Accepted) (ISI-Indexed)

Grant (approved Sep 2017 to Sept 2018)

1. Lipofilling In Breast Surgery: Volumetric Assessment Between Centrifuged And Pure Fat Graft, Co-Researcher, 08/09/2015, Geran Penyelidikan Universiti Malaya (UMRG Programme) - HTM (Wellness), 08/09/2018 (**Alizan, Kong CK** and **Ridwan**)

Research Unit

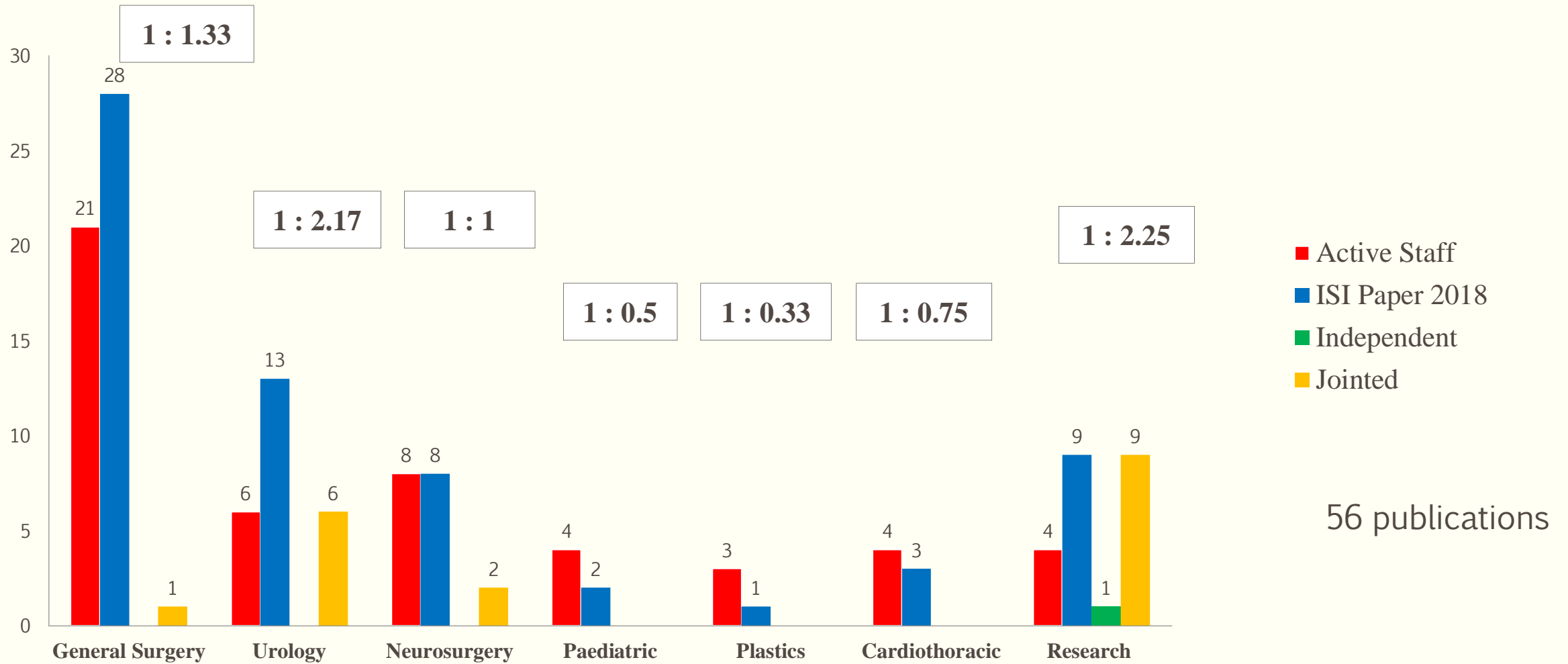
Total number of publications: 11 (9 ISI Papers)

With others : 9 ISI & 1 Scopus

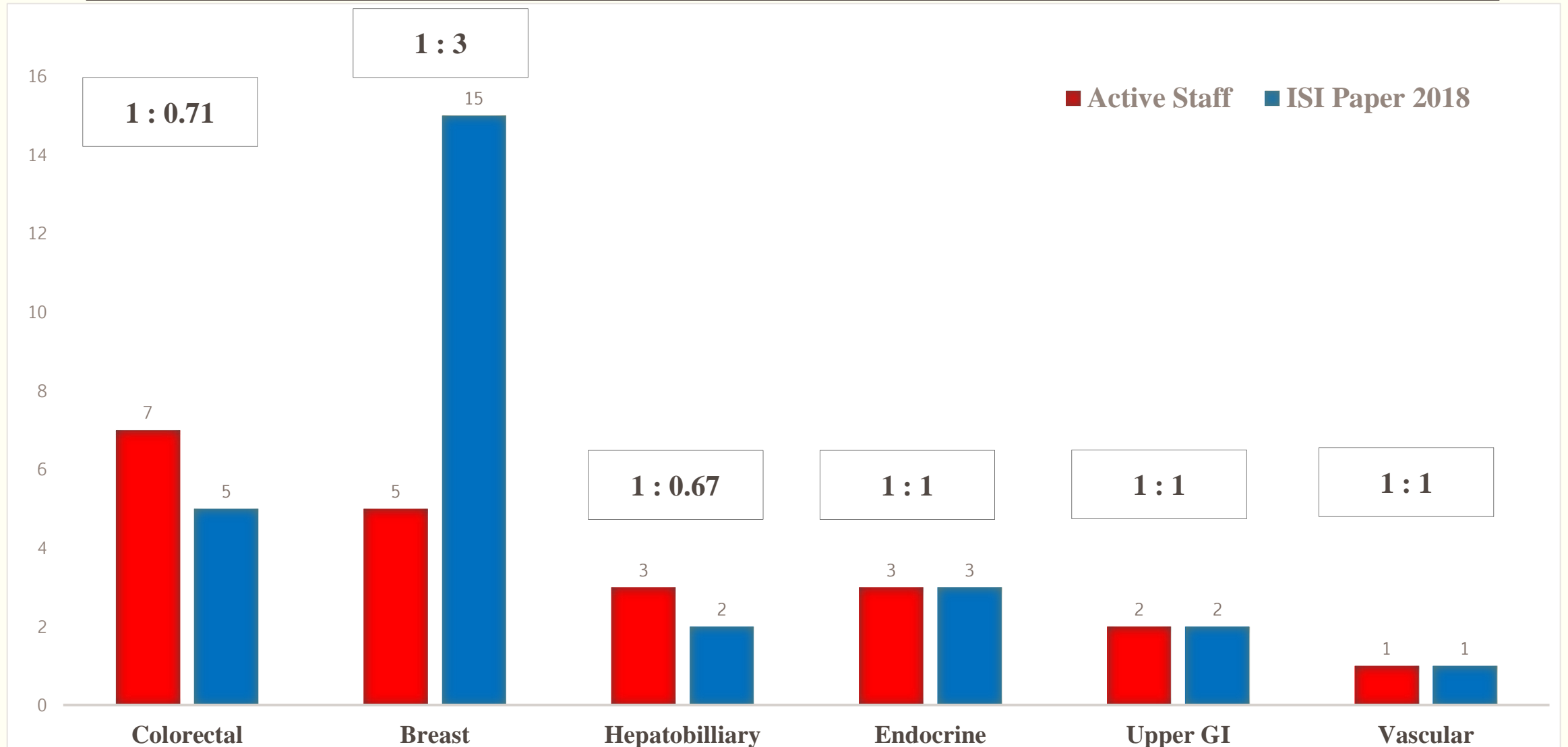
Independent Paper (1 ISI Paper)

1. Mujtaba G, Shuib L, Raj RG, **Rajandram R**, Shaikh K, Al-Garadi MA (2018) Classification of Forensic Autopsy Reports through Conceptual Graph-based Document Representation Model. Journal of Biomedical Informatics: doi:10.1016/j.jbi.2018.04.013 (ISI-Indexed)

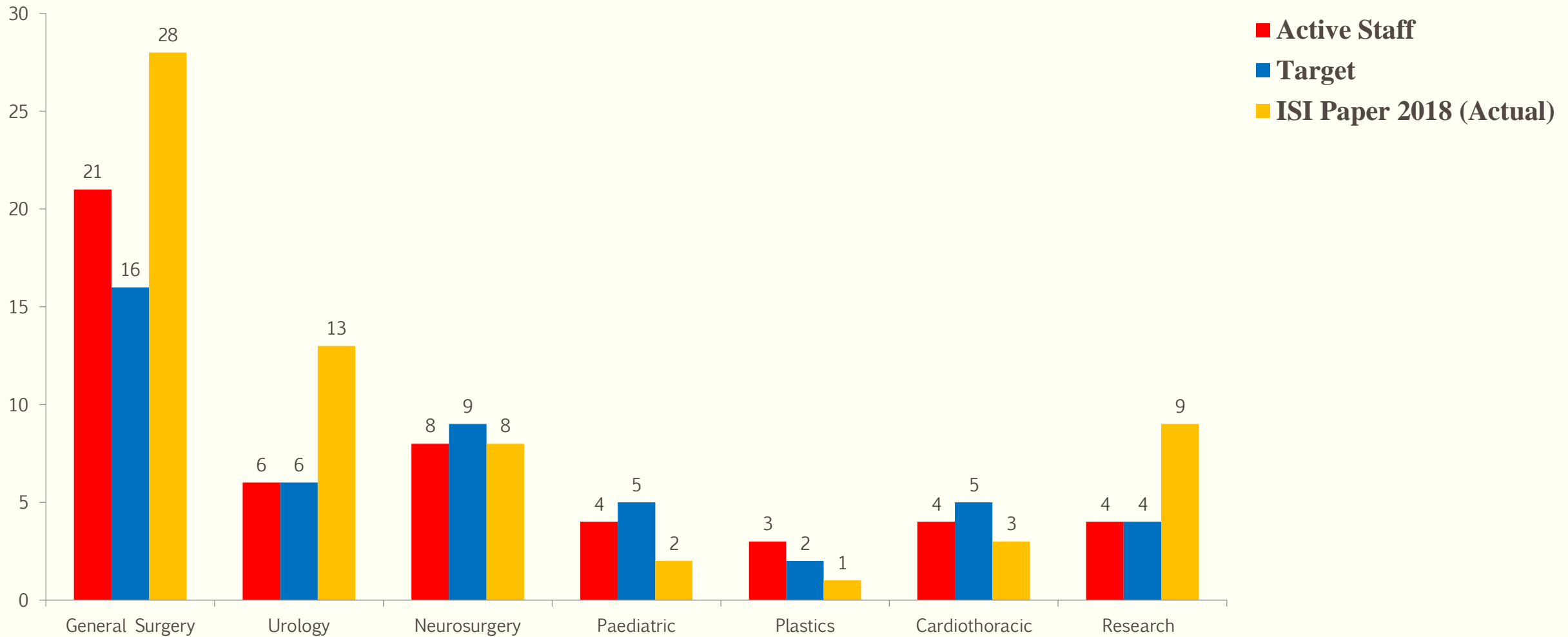
Active Academic Staff to ISI Indexed Paper Ratio



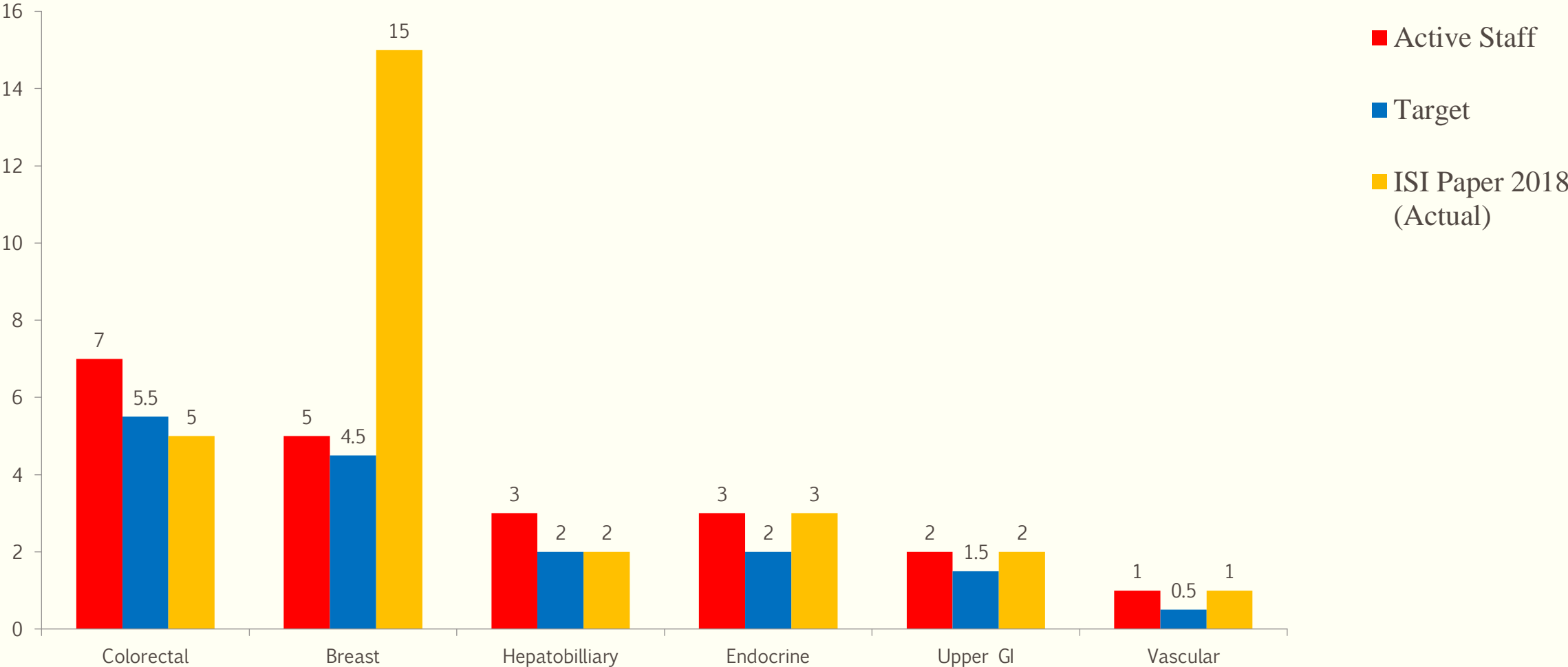
Active Academic Staff to ISI Indexed Paper ratio – General Surgery



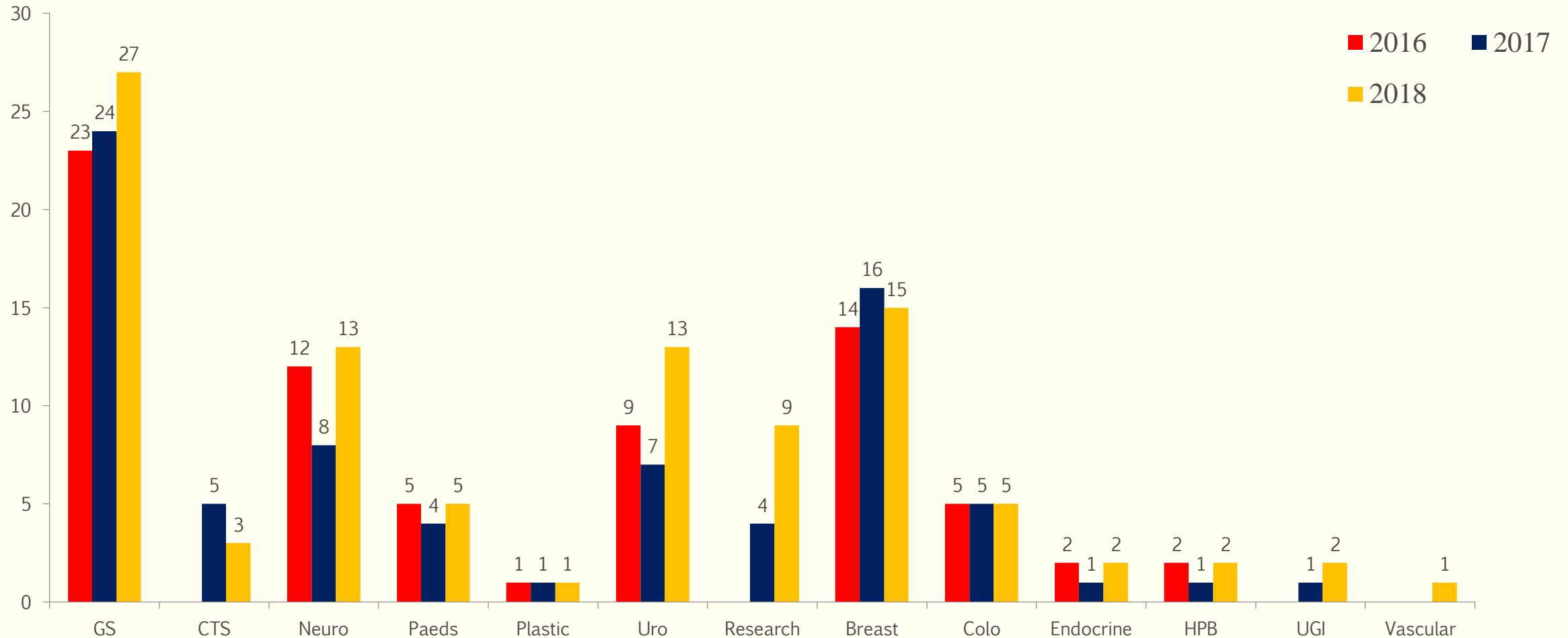
Active Academic Staff to KPI Target and Actual



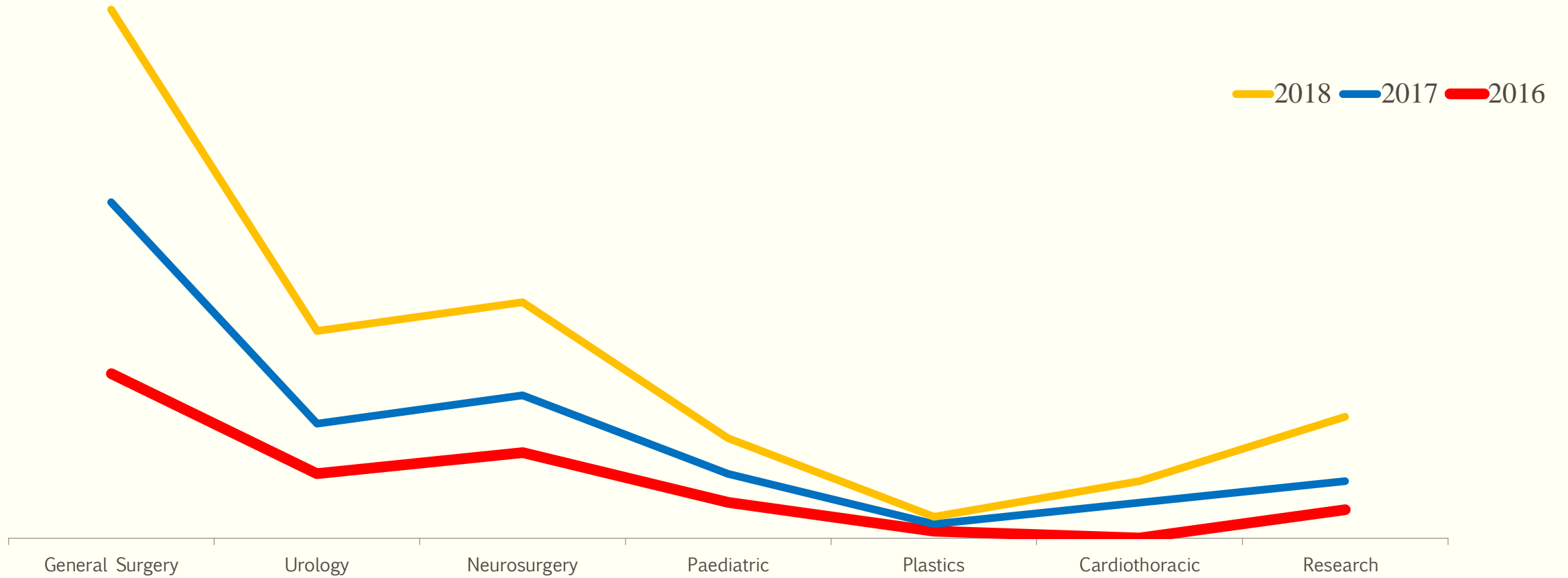
Active Academic Staff to KPI Target and Actual – General Surgery



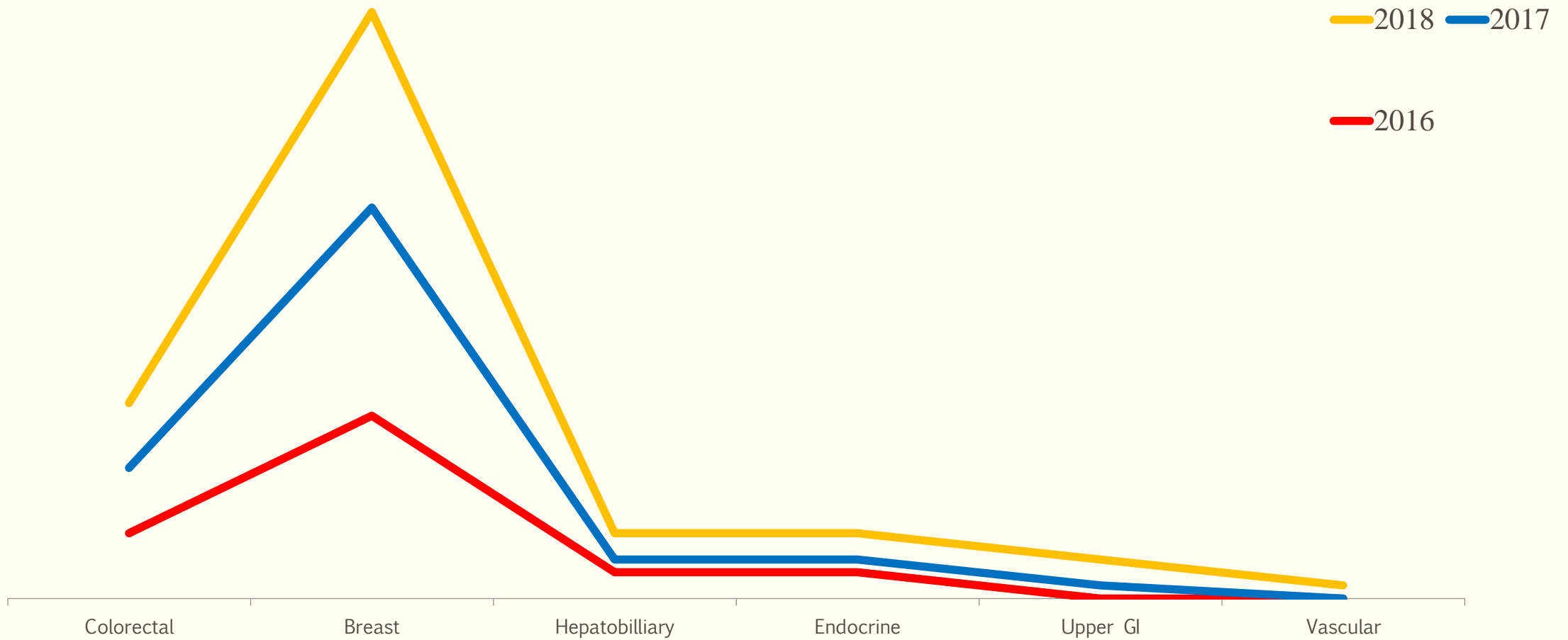
Trends: ISI Indexed Papers 2016 -2018



Trending 2016 -2018



Trending 2016 -2018 : General Surgery



Research Coordination Unit – Department of Surgery

Dr Retnagowri, Dr Jasmine, Dr Tania, Dr Aditya, A/Prof Vairavan, Dr Nor Faizal, Prof Aishah, Prof. Thambi, Postgraduate Program Coordinators and HOD

Research Unit Activities

- Lecture / Workshop Series
- Research / Thesis Clinics – by personal appt
- PhD / Masters (non clinical) administrative supervision

Date	Topic
30 minutes to 1hr sessions in 2018	Research Clinics (one to one) – Appointment based
Early June 2018	New Intake Orientation i.e. afternoon session introduction to research segment <i>Completed</i>
At next Progress evaluation - 7 th August 2018 <i>(Coming up)</i>	Year 3 and Year 4: <ul style="list-style-type: none">▪ The value of doing a dissertation part of your Program▪ Slides and Posters Presentation workshop
At next Progress evaluation -9 th August 2018 <i>(Coming up)</i>	Year 1 and Year 2: <ul style="list-style-type: none">▪ Statistical Analysis and Basic Interpretation of Data Workshop

June 1st 2018

Orientation Feedback

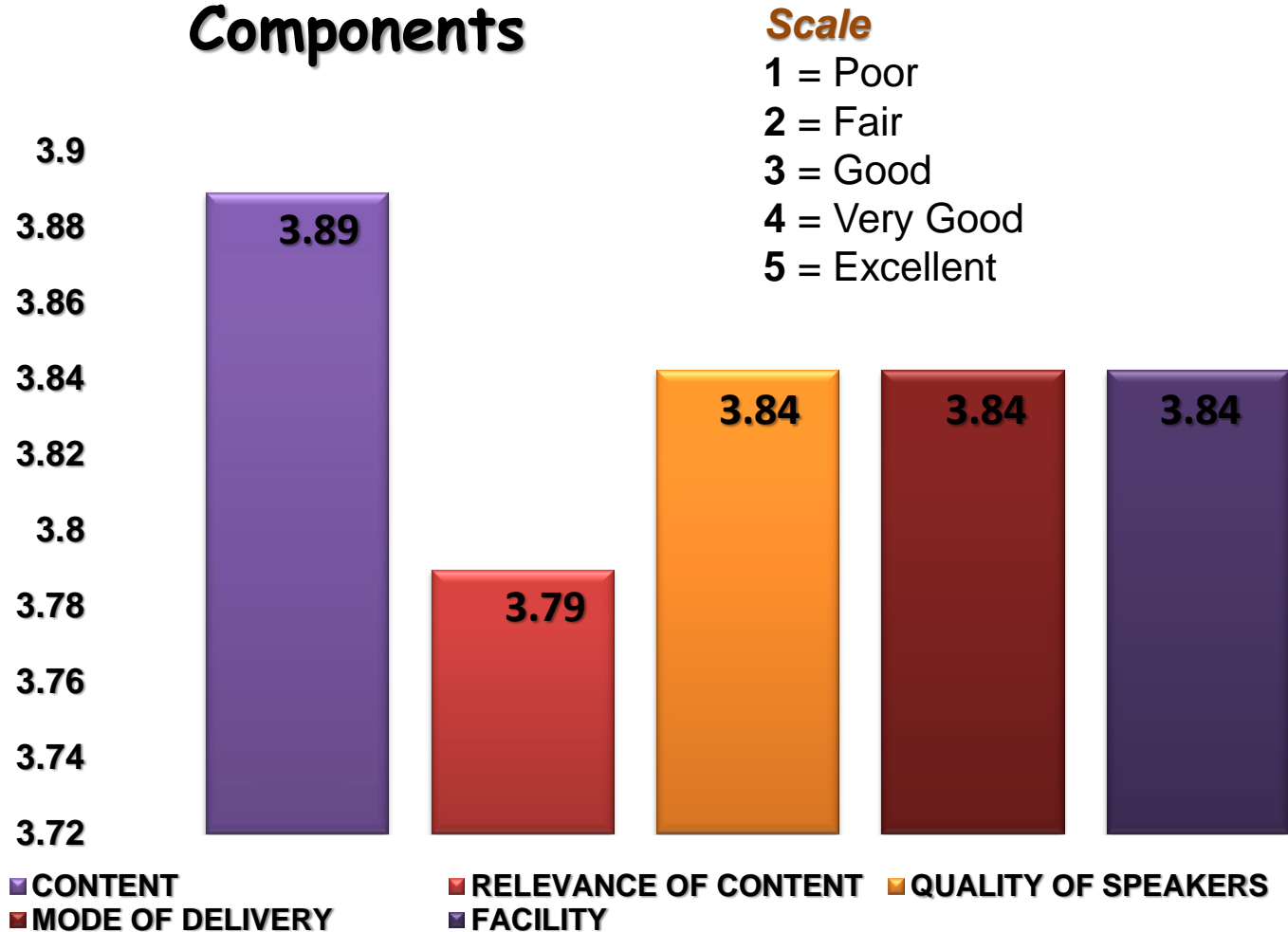
***New Intake 2018 Master of Surgery and Master of
Paediatric Surgery Trainees***

Involved Parties:

***Prof. Dr. Azad Razack
A/Prof. Dr. Ng Khoo Leong
Prof. Dr. April Roslani
Prof Dr. Aishah Taib
Prof. Dr. Thambidorai Rao
Dr. Ganesh Vythilingam
Dr. Tania Islam
Dr. Retnagowri Rajandram
Mr. Shafiq Jamil (Administration)
Mrs. Nur Naquiah Binti Kamarrudin***

***Orientation Program coordinated and prepared By: Retnagowri Rajandram &
A/Professor Dr. Vairavan Narayanan with support from all involved Program
Coordinators***

Feedback for General Components



Favorite Components

- 1) Pre – orientation communication
- 2) Tour by Seniors - *2 people said this*
- 3) Endnote - *2 people said this*
- 4) How to determine a good research topic and question – *3 people said this*

Room for Improvement

- 1) Timing – *2 people said this*
- 2) A walking map of UH and UM (if available)
- 3) Too lengthy and too much information
- 4) No improvement needed
- 5) Help provide allocated parking space

Other comments

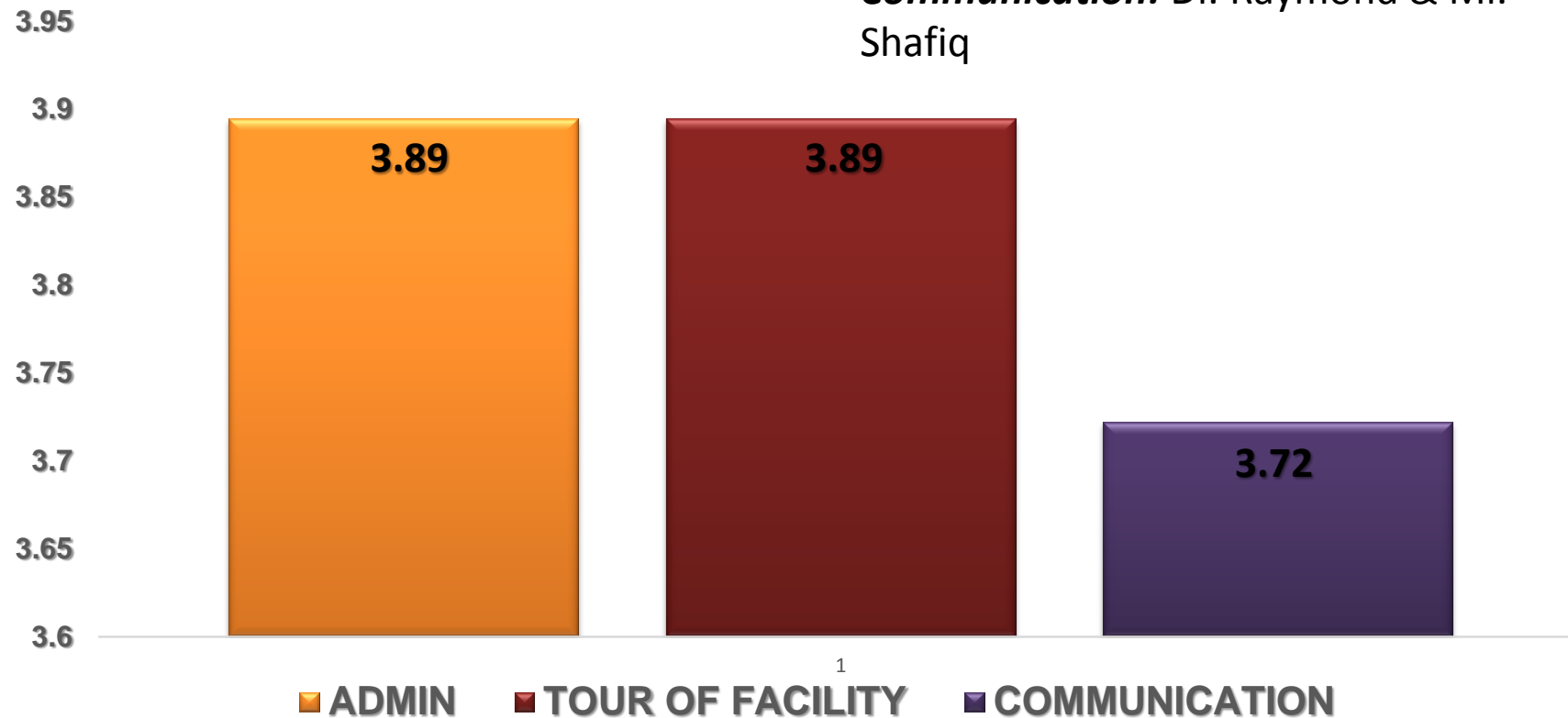
- 1) Thank you
- 2) Thank you for guiding us

Feedback for Specific Components

Administration: Mr. Shafiq & Dr. Retnagowri

Tour: Dr. Doon and Dr. Raymond, Dr. Anu and Dr. Cheng

Communication: Dr. Raymond & Mr. Shafiq



August 7th 2018

Dissertation and Presentation Feedback

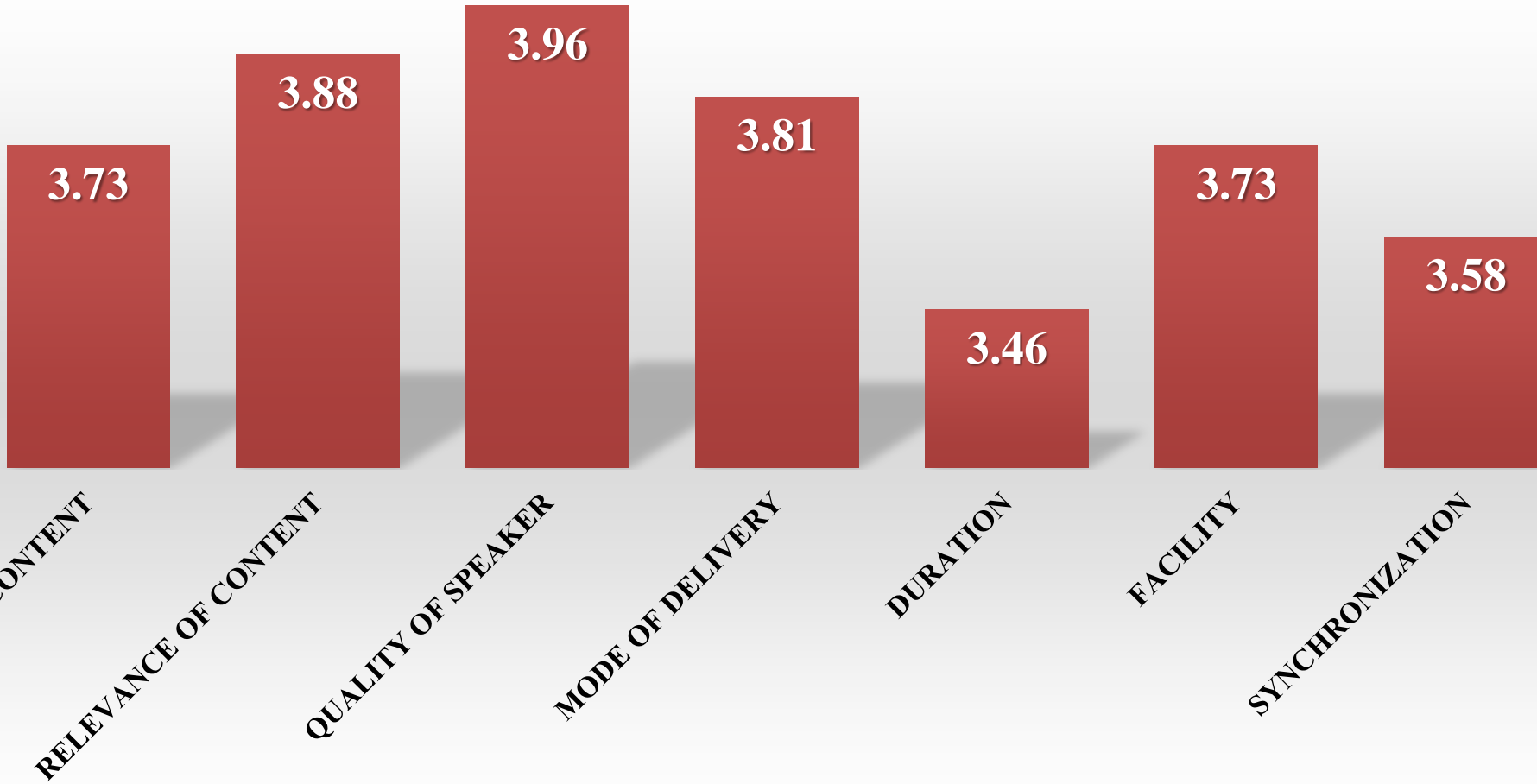
3rd and 4th Years Master of Surgery and Master of Pediatrics
Surgery Trainees

Involved Parties:

A/Prof. Dr. Ng Khoon Leong
Prof. Dr. April Roslani
Prof Dr. Aishah Taib
Prof. Dr. Ong Teng Aik
A/Prof. Dr. Vairavan Narayanan
A/Prof See Mee Hoong
Dr. Ganesh Vythilingam
Dr. Tania Islam
Dr. Jasmine Lim
Dr. Retnagowri Rajandram
Mr. Fadzli Imran (Videography)
Mr. Shafiq Jamil (Administration)
Mrs. Nur Naquiah Binti Kamarrudin (Adminstration)

Orientation Program coordinated and prepared By: Retnagowri & Prof. April with support from Program Coordinators and HOD

Feedback Summary - Average



Scale

- 1 = Poor
- 2 = Fair
- 3 = Good
- 4 = Very Good
- 5 = Excellent

Favorite Components

1. All / Informative session x 3
2. Prof Ong talk how present your work to captivate the audience/ how to make it exciting/ talk in how to talk/ Iceberg and Titanic x 11
3. Prof. Vairavan - the presentation template x 4
4. Importance of Dissertation by Prof. April x 3
5. Dissertation Format x 3

Other comments

1. It was is an eye-opening program and will recommended it to my peers
2. This to be done for all 1st year from now on
3. Include workshop/Group Acting session
4. Break into – Defense and thesis writing
5. Should expose candidates in **Year 2 and 3** and **thesis write up Format duty to year 3&4**
6. Please provide us template after lectures
7. Presentation format should be taught earlier on prior research evaluation day
8. Make lectures compulsory for 1st and 2nd year – early exposure to expectations in terms of research work
9. Good session hope it will continue for the benefit of the presentation candidates
10. To add another topic - common pitfalls in the candidatures defense

Room for Improvement

1. Timing/ Duration x 3
2. To be given in earlier in 1st year – x 5
3. Video too long / caption needed x 2
4. Demonstrate how to defense thesis
5. Venue/ AV system x 3

August 9th 2018
Statistical Analysis and Basic Interpretation of Data
Workshop
and Endnote Workshop Feedback

Master of Surgery and Master of Pediatrics
Surgery Trainees (specifically 1st Years')

Involved Parties:

Dr. Tania Islam

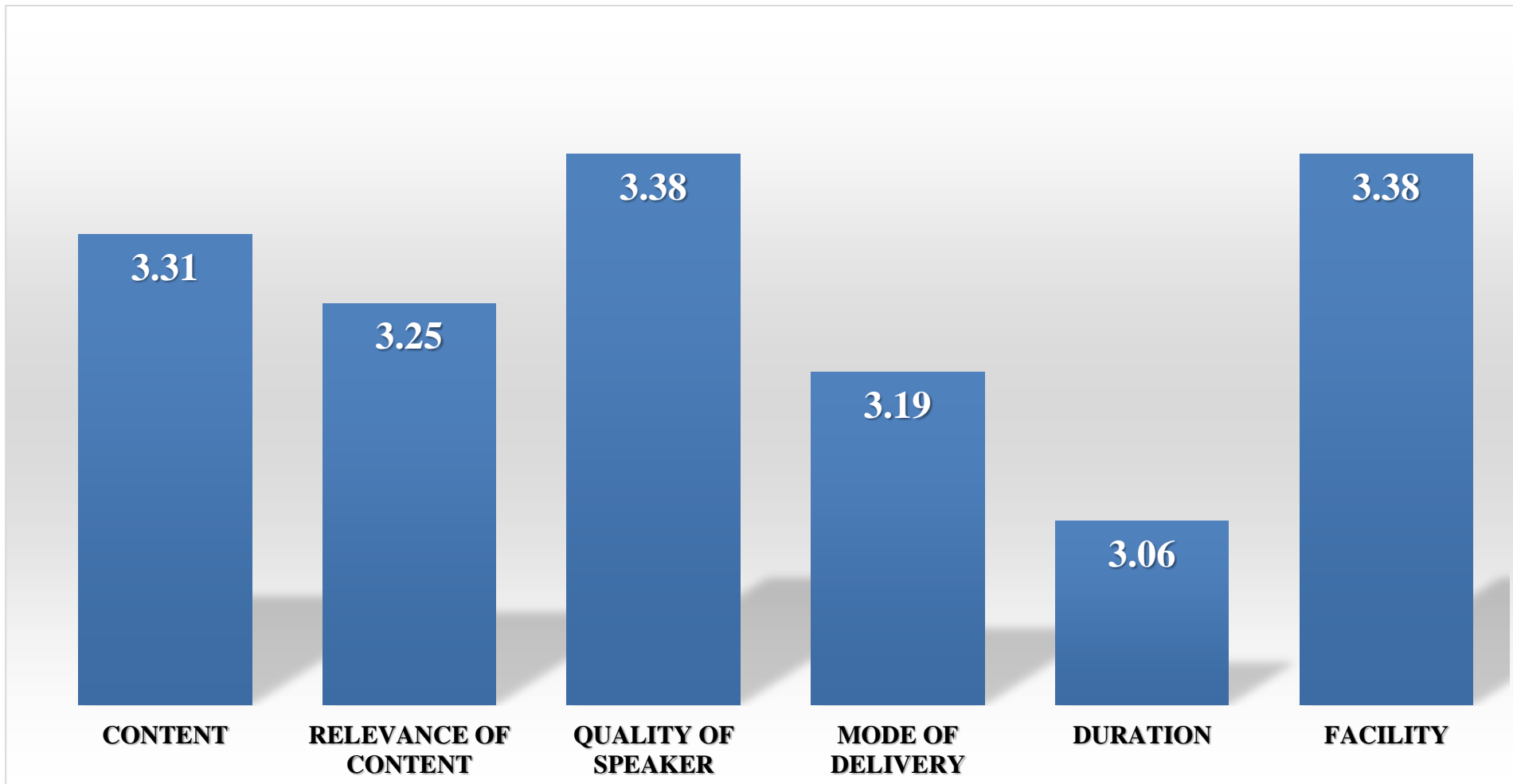
Dr. Retnagowri Rajandram

Mr. Shafiq Jamil (Administration)

Mrs. Nur Naquiah Binti Kamarrudin (Administration)

Orientation Program coordinated and prepared By: Retnagowri &
Prof. Aishah with support from Program Coordinators and HOD

Feedback Summary - Average Scores



Scale

1 = Poor

2 = Fair

3 = Good

4 = Very Good

5 = Excellent

Favorite Components

1. The computer lab facility
2. Lecture topics were precise and straight to the point
3. Lecture before hands-on
4. SPSS practise / hands –on x 4
5. Endnote x 3
6. Hypothesis testing
7. Last part as it was very importance i.e. Data analysis and tips
8. The computer lab facility & Lecture topics were precise and straight to the point
9. Explanation between the difference test

Other comments

- 1. Future SPSS data analysis for 2nd/3rd /4th year with their data**
2. Understanding will be better if course is attended after or during data collection
- 3. It is already very good thank you. Appreciate your effort**
4. Thank you

Room for Improvement

1. more SPSS training sessions x2
2. Pre-set data sets so all can practice together x 4
3. Use of pointer
4. Long duration / Make it one day course

Lab Capabilities

- 1) Cell culture work
- 2) Stone sample analyzing services (Jasmine can elaborate)
- 3) Blood and Urine Sample processing and separation
 - a. RNA
 - b. DNA
 - c. Protein
 - *temporary storage of samples
 - *long term storage liaises with FOM UM biobank team
- 4) PCR and qPCR work flow (gene expression studies) using samples from 1) and 3)
 - *qPCR machine is the ABI 7500 Fast
- 5) Molecular biology work
 - Western immunoblotting with Gel Doc
 - Immunohistochemistry and Immunofluorescence
 - ELISA reader

Lab Users in 2018

Name of PI	Title	Department/ Faculty
Dr. Retnagowri	<ul style="list-style-type: none"> - Biomarker Discovery In Renal Cell Carcinoma - Deciphering Leptin and Leptin receptor and their mechanism in Renal Cell Carcinoma (RCC) resistance to targeted therapies 	Surgery
Prof. Dr. Azad Razack	Pharmacogenetics of Prostate Cancer	Surgery
Prof. Dr. Cheah Swee Hung	Role of LMTK3 in DNA Response, Proliferation and Drug Resistance in Cancer Cell	Physiology
Prof Dato' Dr. Wang Chew Yin	Vascular Events In Surgery Patients Cohort Evaluation- Cardiac Surgery	Anesthesiology
Dr. Johari	<ul style="list-style-type: none"> -Antioxidant & Anticancer activity study -Apoptosis Activity of Plant Extracts in Cancer Cell Lines (start September 2016) 	Molecular Medicine
Dr. Jasmine	Renal Stone profile- Clinical & Dietary correlates in The Calculi Formation	Surgery
Dr. Shanggar	Establishing molecular mechanisms and therapeutic potential of histone H3 lysine 27(H3K27) demethylases in renal cell carcinoma and bladder cancers	Surgery

Lab Users in 2018

Name of PI	Title	Department/ Faculty
Dr. Azlina	Effect of Barringtonia Racemosa on Colorectal Cancer Cell	Biomedical
Prof. Yoong Boon Koon	AHCC 07 Planet Study	Surgery

Research Lab maintenance Fund – Department of Surgery

Year	Amount (RM)	
	<i>Contribution</i>	<i>Spent to maintain the lab</i>
2014	RM9,000.00	RM5,436.50
2015	RM33,326.00	RM3,351.00
2016	RM4,000.00	RM8,310.88
2017	RM7,350.00	RM11,718.11
2018	RM10,250.00	RM8,367.40
TOTAL	RM63,926.00	RM37,183.89
BALANCE	-	RM27,057.11

SUMMARY

Active Academicians : 50 – RMC staff 44

Staff on Study leave / Sabbatical : 8

	Professor	Associate Professor	Lecturer	Study leave	Active Staff
Cardiothoracic	2	0	2	1	4
General					
- Breast	1	1	3	1	5
- Colorectal	1	1	5	1	7
- Endocrine	0	1	2	0	3
- Hepatobiliary	0	1	2	0	3
- Upper GI	0	1	1	0	2
- Vascular	0	0	1	0	1
Pediatric	2	0	2	1	4
Plastic	0	1	2	1	3
Neurosurgery	2	4	2	2	8
Urology	2	0	4	1	6
Research	0	0	4	0	4
TOTAL	10	10	30	8	50 (active staff)

KPI

X3/yr (B) X2/yr (A)
3 18

X1/yr
10

X1/yr
30

61 publications

KPI by RMU (ISI Indexed)

DEPARTMENT	TOTAL ACADEMIC STAFF	KPI TARGET 2018	PUBLISHED 2018	Difference (Published 2018-KPI Target 2018)
SURGERY	50	73	63	-10

SUMMARY

- **Total ISI-indexed: 56 (reported)**
- **56/50 = 1:12**
- **Dept KPI: 62 FOM KPI: 73**
- **Thesis format for Clinical Masters in the department by August 7th 2018 dissertation orientation in conjunct with Postgraduate Coordinators. (All 3 formats)**

What next?

- **Harmonisation with FOM KPI**
- **Improve the formalization of registration/ PD/CD of research students**
- **Template and reporting workflow of all units for audits**
- **Implementation of thesis format for Clinical Masters in Surgery Department**
- **Research training for supervisor and supervisee – both new academics and refresher for current academics in the department**
- **All Academic please update your UM expert for all audit exercise**
- **Formalization research internship [next slide will elaborate this]**

Research Internship

Degree and/ Graduated Candidate -:

- Need name list of Medical students under all units doing Surgical Research Internship
- To attend Research courses provided within the department
- Once completed will be provide certificate and reference letter from the supervisor vi HOD

House Officer/s -:

- Letter for Community service for HO for Blood taking & Research related collection/s

Pre-university internship -:

- High School students & Pre- University Students (International and National)
- Income generating by setting a fee– to be discussed with Faculty
- Also provide a certificate and letter

TEMPLATE FOR NEXT TIME USE

- **PAPERS (APA format)**

E.g. Hassett, M.J., A.J. O'Malley, and N.L. Keating, *Factors influencing changes in employment among women with newly diagnosed breast cancer. Cancer, 2009. 115(12): p. 2775-82.*

- **Grants**

Grant name, Title of the project, PI/Co-PI/Co investigators name, amount received officially** and duration of the grant

- **Based on Faculty KPI target information needed**

THANK YOU

Prepared by: Research Unit and Audit, Department of Surgery