

# Senthurun Mylvaganam BSc (Hons) MBBS MA (Ed) MFST FRCS (Eng)

# Consultant Oncoplastic Breast Surgeon Royal Wolverhampton Hospitals NHS Trust

Transpire Cosmetic Surgery

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# PERSONAL DETAILS

Sex: Male Nationality: British GMC no. 6077829

EDUCATION	
<b>Undergraduate</b> Royal Free and University College London Medical School	1997-2003
Secondary Aylesbury Grammar School, Aylesbury BUCKS Sir Thomas Picton School, Haverfordwest PEMBS	1993-1997 1991-1993
<b>QUALIFICATIONS</b>	
Certificate of Completion of Training	Jan 2015
Member of the Faculty of Surgical Trainers (MFST, RCS Edinburgh)	2013
FRCS (Eng)	2013
MA in Medical Education (Commendation)	2009
Certificate of Completion of Basic Surgical Training	2007
MRCS (Eng)	2007
MBBS (London).	2003
BSc (Intercalated) in Pharmacology – 1 <sup>st</sup> class Honours	2000
TITLES	
Chair Core Surgery National Selection Committee	Aug 2020 – present
Lead Core Surgery Training Programme Director	Aug 2019 – present
UK Sloane Project Steering Member Public Health England	Nov 2018- present
Area Core Surgery Training Programme Director Health Education England West Midlands	Sept 2018- Sept 2020
Deputy Programme Lead for RWT Clinical Fellowship Programme Royal Wolverhampton Hospitals NHS Trust	Jun 2016
Professional Clinical Advisor for Surgery NHS Breast Screening Programme West Midlands, Public Health England	July 2016

Royal College of Surgeons Clinical Tutor	Jan 2016- July 2019
Honorary Clinical Tutor (School of Clinical and Experimental Medicine University of Birmingham)	2011-2014
President of The Mammary Fold (UK Breast Trainees Organisation)	2013-2014
ASiT Council Rep for The Mammary Fold (UK Surgical Trainees Organisation)	2011-2013
Faculty member and Basic Surgical Skills lead Training4doctors	2011-2018
Care of the Critically Ill Surgical Patient Instructor	2011-Present
Advanced Trauma Life Support Instructor	2010-2015
Academic Awards	
• RWT Clinical Audit Award for local improvement following national audit	2018
<ul> <li>RWT Education Academy award for postgraduate educational achievement Royal Wolverhampton Hospitals Trust Education Academy Awards 2017</li> </ul>	Mar 2017
<ul> <li>West Midlands Breast Chapter ABS Prize</li> <li>West Midlands Breast Chapter Meeting</li> </ul>	Sept 2013
<ul> <li>Silver Award for Poster Presentation</li> <li>British Association of Day Surgery Conference</li> </ul>	June 2010
<ul> <li>Chris Rennie Prize for undergraduate teaching Worcestershire Acute NHS Trust</li> </ul>	July 2009
<ul> <li>Rob Benny Surgical Trainee Prize</li> <li>Warwickshire and Worcestershire Surgical Training Scheme</li> </ul>	Feb 2008
Current Position	
Consultant Oncoplastic Breast Surgeon Royal Wolverhampton Hospitals NHS Trust	Sept 2015- Present
<u>Career Interests</u>	
I have specialist interests in postgraduate training, NHS breast screening programme quality assurance and clinical research.	
<u>Career Summary</u>	
My training in breast surgery has provided competence in the management of the full range of benign and malignant breast disease. Throughout my training I	

have had the opportunity to learn a variety of oncoplastic procedures and with the unique opportunity of the national oncoplastic breast fellowship I have gained the expertise to offer a broad oncoplastic service including therapeutic mammoplasty, immediate and delayed implant (+/- acellular dermal matrix) and lattisimus dorsi myocutaneous flap reconstruction, symmetry surgery, lipomodelling, nipple reconstruction and areola tattooing. I have experience of independently delivering this service during my current substantive Consultant position and actively contribute to patient outcome audits and national databases.

I have an interest in mechanisms for assuring quality of patient care in my own practice, within our trust and services regionally. My role as professional clinical advisor in surgery for the breast screening programme has provided an opportunity to help shape quality assurance regionally and nationally.

I have now developed a regional leadership role in postgraduate education progressing from trust college tutor to core surgery regional programme director and currently to lead training programme director for core surgery.

I am a member of the West Midlands expert advisory group for breast services contributing to guidelines and assessing models of patient care. I have gained experience of working in registrar research collaboratives and through this in steering clinical trials. I continue to participate in collaborative national research as a steering member of the IBRA research group.

#### **Employment History**

Locum Consultant Oncoplastic Breast Surgeon Royal Wolverhampton Hospitals NHS Trust	Oct 14-Aug 15
ST8 – National Oncoplastic Breast Fellow Miss R Waters, Miss A Dancey, Mr R Warner, Mr S Thomas, Miss A Francis Mr A Jewkes Queen Elizabeth Hospital UHB NHS Trust, Birmingham	Oct 2013- Sept 2014
<ul> <li>ST7 – Breast, Oncoplastic and General Surgery</li> <li>Mr H Ingle, Mr G Metaxas, Mr H Khalil</li> <li>Good Hope Hospital, Heart of England NHS Trust</li> </ul>	Oct 2012- Sept 2013
<ul> <li>ST6 – Breast, Endocrine, Oncoplastic and General Surgery</li> <li>Mr S Thrush, Miss R Bright-Thomas, Miss M Mullan</li> <li>Worcester Royal Hospital, Worcestershire Acute NHS Trust</li> </ul>	Oct 2011- Sept 2012
ST5 – Colorectal and General Surgery Mr D Burkitt, Mr G Barsoum, Mr S Karandikar Heartlands Hospital, Heart of England NHS Trust	Oct 2010- Sept 2011

<b>ST4 – Laparoscopic, Benign Upper GI and General Surgery</b> <b>Mr M Corlett, Mr C Robertson, Mr M Wadley</b> Worcester Royal Hospital, Worcestershire Acute NHS Trust	Oct 2009- Sept 2010
ST3 – Breast and General Surgery Mr N Purser, Mr R Brown Redditch Hospital, Worcestershire Acute NHS Trust	Aug 2008- Sept 2009
ST2 – General Surgery West Midlands Cardiothoracic Surgery (ST2) Mr W R Dmitiri University Hospital Coventry and Warwick NHS Trust	Apr 2008 - July 2008
ITU and Critical Care (ST2) Mr P Venkatesh University Hospital Coventry and Warwick NHS Trust	Dec 2007 – Mar 2008
Colorectal Surgery (ST2) Mr P Baragwanath, Mr H Kashi University Hospital Coventry and Warwick NHS Trust	Aug 2007 – Nov 2007
SHO Basic Surgical Training Rotation Heart of England NHS Trust. Heartlands Hospital	Aug 2004- July 2007
ENT (SHO) Mr J Campbell Heart of England NHS Trust, Birmingham	Feb 2007- July 2007
Breast and Upper GI (SHO) Mr B Balasubramaniam, Mr M Richardson, Mr H Kumar Heart of England NHS Trust, Birmingham.	Aug 2006- Jan 2007
ENT (SHO) Mr K Pearman Heart of England NHS Trust, Birmingham	Feb 2006-Jul 2006
Urology (SHO) Mr M Nair, Mr Jaganathan, Mr S Morris Heart of England NHS Trust, Birmingham	Aug 2005 – Jan 2006
Accident & Emergency (SHO) Mr M Shalley, Mr O Erinfolami, Heart of England NHS Trust, Birmingham	Feb 2005 – July 2005
Trauma & Orthopaedics (SHO) Mr J Ramos Heart of England NHS Trust, Birmingham	Aug 2004- Jan 2005

PRHO year rotation – Clinical Oncology: General Medicine/Endocrinology:Surgery/ITU. Mount Vernon & Watford General Hospitals	Aug 2003- July 2004
General Surgery/ITU (PRHO) Mr J Livingstone, Dr A Navapurkar Watford General Hospital, West Herts Trust, Watford	Apr 2004 – Jul 2004
General Medicine / Endocrinology (PRHO) Dr M Clements, Dr A Ogilvie Watford General Hospital, West Herts Trust, Watford.	Dec 2003 – Mar 2004
Clinical Oncology (PRHO) Prof P Hoskins Cancer Centre, Mount Vernon Hospital, West Herts Trust, Northwood.	Aug 2003- Nov 2003
PUBLICATIONS	
Original 1 <sup>st</sup> Author Articles	
Breast conserving surgery and intra-operative specimen radiography: Margin assessment by the surgeon or radiologist? <b>Mylvaganam S</b> , Tafazal H, Caddick V, Madahar P International Journal of Radiology and Radiation Oncology 2018 4(1) :9-13 June	July 2018
Adherence to best practice consensus guidelines for implant based breast reconstruction: Results from the iBRA national practice questionnaire survey <b>Mylvaganam S</b> Conroy EJ Williamson P Barnes N Cutress R Gardiner M Jain A Skillman J Thrush S Whisker L Blazeby J Potter S Holcombe C <b>Eur J Surg Oncol 2018 May 44(5): 708-716</b>	Jan 2018
Variation in the provision and practice of implant-based breast reconstruction in the UK: Results from the iBRA national practice questionnaire <b>Mylvaganam S</b> Conroy E Williamson P Barnes N Cutress R Gardiner M Jain A Skillman J Thrush S Whisker L Blazeby J Potter S Holcombe C <b>The Breast 2017 Vol 35: 182-90</b>	Oct 2017
A national survey of breast trainees on the implications of the 2013 ISCP curriculum and the Greenaway report <b>Mylvaganam S</b> Ward E Rattay T Henderson J <b>Bulletin of the Royal College of Surgeons of England Apr 2016 Vol 98; 4: 168-171</b>	Apr 2016
Phylloides tumours of the breast: Best practice for follow-up Mylvaganam S Frank L Toro C Vestey S Thrush S Updates in Surgery 2015 Mar 11 Vol 67 (1);91-5	Jan 2015
Poly Implant breast implants (PIP) and the rupture risk in asymptomatic patients: A warning for greater clinical suspicion in assessment and counselling, Case report <b>Mylvaganam S</b> Taylor R Thrush S <b>Journal of Surgical Case Reports 2013 Vol 2013;rjs044-rjs044</b>	Jan 2013

Workplace Based Assessments: Friend or Foe Mylvaganam S	Oct 2012
Clinical Teacher 2012 Vol 9:Iss 5; 349-350	
Emergency Operative Training and Peer Learning in Practice Mylvaganam S	June 2011
Clinical Teacher 2011 Vol 8:2 pg 126-127	
Cost Effectiveness and the Choice of Surgical Consumables in Day Surgery: The Role of Surgeons. <b>Mylvaganam S</b> , Higenbottam C, Fowler TA, Purser N <b>The Journal of One Day Surgery 2010 Vol 20:3; 72-75</b>	July 2010
Post EWTD Experience in Operative Training Mylvaganam S Clinical Teacher 2010 Vol 7: Iss 4; pg 288	May 2010
What are trainee attitudes towards operative training and what are the implications for operative learning. Literature Review <b>Mylvaganam S Best Evidence Topics June 2009.</b> <u>www.Bestbets.org</u>	July 2009
The ENT Emergency Clinic; A prospective audit to improve effectiveness of an established service <b>Mylvaganam S</b> , Patodi R, Campbell J <b>Journal of Laryngology and Otology – Apr 2008 Vol 123; Iss 2; 229-233</b>	Apr 2008
Spontaneous surgical emphysema following child birth: Case report Mylvaganam S, Hobbs C Journal of Laryngology and Otology – Dec 2007 Vol 121: e23	Sept 2007
Endoscopic palliation of malignant Dysphagia: A challenging task in Inoperable oesophageal cancer Katsoulis IE, Karoon A, <b>Mylvaganam S</b> , Livingstone JI. <b>World Journal of Surgical Oncology 2006 Vol 4:38</b>	July 2006
<u>Textbooks</u>	
The Training of Surgeons: Current Approaches and the Implications for Learning in the Operating Theatre <b>Mylvaganam S</b> Lambert Publishing ISBN 978-3-8433-6297-9	Oct 2010

#### **Collaborative Publications** Feb 2020 Surgical management of DCIS during the UK Sloane audit project. Abstract Kirwan C, Stallard S, Mylvaganam S, Hilton B, Clements K, Cheung S, Thompson A San Antonio Breast Cancer Symposium 2020: Vol 80; Iss 4 Short-term safety outcomes of mastectomy and immediate implant-based breast Feb 2019 reconstruction with and without mesh (iBRA): a multicentre, prospective cohort study Potter S Conroy E ..... Mylvaganam S on behalf of the iBRA Steering Group and the Breast Reconstruction Research Collaborative. Lancet Oncol 2019;20: 254-66 The impact of immediate breast reconstruction on the time to delivery of adjuvant therapy: Apr 2019 the IBRA-2 study O'Connell RL, Rattay T, Dave RV, Potter S, Holcombe C, IBRA-2 Steering Group: Breast Reconstruction Research Collaborative (Senthurun Mylvaganam) British Journal of Cancer 2019 Apr;120(9):883-895 Surgical causes of acute abdominal pain in pregnancy Jan 2019 Woodhead N, Nkwam O, Caddick V, Morad S, Mylvaganam S The Obstetrician and Gynaecologist 2019;21:27-35 Immediate breast reconstruction and time to adjuvant therapy – Results from the IBRA-2 Mar 2018 (immediate breast reconstruction and adjuvant therapy) multicentre prospective cohort study.Abstract Rattay T O'Connell R ....Potter S on behalf of the Breast Reconstruction Research Collaborative (Senthurun Mylvaganam) **European Journal of Cancer 2018 92:S13** Surgical Trainee Feedback-Seeking Behaviour in the context of Workplace-Based Dec 2016 Assessment in Clinical Settings Gaunt A, Patel A, Fallis S Rusius V, Mylvaganam S ..... Pawlikowska T Academic Medicine 2017: 92;6: 827-834 The iBRA (implant breast reconstruction evaluation) study: protocol for a prospective Aug 2016 multicentre cohort study to inform the feasibility, design and conduct of a pragmatic randomised clinical trial comparing new techniques of implant-based breast reconstruction. Potter S, Conroy E..... Mylvaganam S Holcombe C on behalf of the Breast Reconstruction Research Collaborative. Pilot and Feasibility Studies 2016: 2:41 The iBRA study: A national multicentre audit of the practice and outcomes of implant Oct 2014 based breast reconstruction. Abstract Potter S Holcombe C Mylvaganam S Thrush S Whisker L Skillman J European Journal of Surgical Oncology 2014: 40 (11); S168-9

The iBRA study: A national multicentre audit of the practice and outcomes of implant based breast reconstruction with or without lower pole support. Abstract Potter S Holcombe C <b>Mylvaganam S</b> Thrush S Whisker L Skillman J <b>Journal of Plastic Reconstructive and Aesthetic Surgery 2014: 67 (10); 1467-8</b>	Oct 2014
Workplace based assessments (WPBA) in General Surgery: Do they represent a chance to learn? Abstract Gaunt A, Rusius V, Patel A, <b>Mylvaganam S</b> , Fallis S, West Midlands Research Collaborative <b>British Journal of Surgery 2013:100(S7): 91</b>	May 2013
The influence of key clinical practices on the knowledge of first year doctors about the patients under their care. Naqvi M, Ward ST, Dowsell G, Donnelly J, <b>SWIFT collaborators (Senthurun Mylvaganam)</b> <b>The International Journal of Clinical Practice Feb 2013 Vol: 67 Iss; 2:181-188</b>	Feb 2013
Systematic Review and meta-analysis of the incidence of incisional hernia at the site of stoma closure Bhangu A, Nepogodiev D, Futaba K, <b>West Midlands Research Collaborative</b> (Senthurun Mylvaganam) World Journal of Surgery 2012 May; 36(5): 973-83	May 2012
NATIONAL GUIDELINES	
ABS Consensus guidelines on antibiotic prophylaxis in breast surgery Douek M, <b>Mylvaganam S</b> , Ooi J, Rusby J, Shah E, Turton P, Williams R, Horgan K	Jan 2016
ABS Consensus guidelines on operation note documentation Browell D, Ooi J, <b>Mylvaganam S</b> , Shah E, Tansley A, Davidson T, Williams R, Horgan K	Jan 2016
Abstracts	
How accurate is ultrasound scan in predicting the size of residual breast cancer following neoadjuvant chemotherapy Ojas S Al Ishaq Z Vatish J Vidya R Isgar B <b>Mylvaganam</b> S Sircar T <b>European Journal of Surgical Oncology 45(5):909</b>	May 2019
Neoadjuvant pertuzumab in the treatment of HER2+ve breast canecr: Increased Pathological complete response but at a cost? Al Ishaq Z Ojas S Vatish J Vidya R Isgar B <b>Mylvaganam S</b> Sircar T <b>European Journal of Surgical Oncology 45(5):908-909</b>	May 2019
Is axillary clearance needed for all node positive patients who are having neoadjuvant chemotherapy? Al Ishaq Z Ojas S Vatish J Vidya R Isgar B <b>Mylvaganam S</b> Sircar T <b>European Journal of Surgical Oncology 45(5):892</b>	May 2019

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Surgical Management of DCIS during the Sloane Project Kirwan C, Stallard S, Mylvaganam S, Thompson A <b>European Journal of Surgical Oncology 2019 45;5:883</b>	May 2019
Wire guided impalpable breast lesion localisation: Old is gold? Reid J Allen C Green M Bowen N <b>Mylvaganam S</b> Matey P Bickley B Isgar B Sircar T Vidya R <b>European Journal of Surgical Oncology 2018 June Vol 44: 6</b>	June 2018
Does the use of negative pressure wound therapy in closed wound after reconstructive and oncoplastic breast surgery decrease the incidence of skin necrosis? Al Ishaq Z, Salem F Mylvaganam S Sircar T European Journal of Surgical Oncology 2017: 43; 5: S58	May 2017
A national survey of breast trainees on the implications of the 2013 ISCP curriculum and the Greenaway report <b>Mylvaganam S</b> Ward E Rattay T Henderson J <b>European Journal of Surgical Oncology 2015 Vol 41:Iss 8; S33</b>	June 2015
Therapeutic mammoplasty: oncologically effective and cosmetically acceptable for breast conserving surgery in large volume disease. Mylvaganam S, Dube M, Matey P European Journal of Surgical Oncology 2014 Vol 40; Iss 5: 641	May 2014
The management of C1 cytology in the assessment of breast lumps: audit to ensure oncologically safe practice. Mylvaganam S, Page F, Chima P, Metaxas G, Ingle H European Journal of Surgical Oncology 2014 Vol 40; Iss 5: 641	May 2014
Patient access to immediate reconstruction following cancer surgery. Learning from the national mastectomy and reconstruction audit (NMBRA). <b>Mylvaganam S</b> , Vethirajan N, Boussouara K, Metaxas G, Ingle H <b>International Journal of Surgery 2013 Vol 11; Iss 8: 605</b>	Nov 2013
The importance of needle core biopsy in the diagnosis of phylloides tumours <b>Mylvaganam S</b> , Frank L, Toro C, Vestey S, Thrush S <b>International Journal of Surgery 2013 Vol 11; Iss 8: 605</b>	Nov 2013
Routine follow-up of benign phylloides tumours is not indicated. Mylvaganam S Frank L Toro C Vestey S Thrush S European Journal of Surgical Oncology 2013: Vol 39;Iss 5: pg 496	May 2013
The Assessment of breast lumps in young women: The case for a change in guidelines. Mylvaganam S, Brimyard E, Mullan M European Journal of Surgical Oncology 2012:Vol 38;Iss 11:1116	Nov 2012

Laparoscopic appendicectomy are we doing too many that are avoidable	
Mylvaganam S, Fowler TA, Budhoo M	May 2012
International Journal of Surgery 2012: Vol 10;Iss 8: 586	
Intra-op Specimen Radiography for Margin Assessment in Breast Conserving	
Surgery: The need for Surgeon and Radiologist.	Nov 2010
Mylvaganam S, Fowler TA, Bashir L, Purser NJ	
International Journal of Surgery 2010 Vol 8;Iss 7: 528	
Approaches to Operative Training and the Implications for Learning:	Nov 2010
The Trainee Perspective.	
Mylvaganam S Internet Learning Loff Surgeon 2010 Mal 8: Les 7: 555	
International Journal of Surgery 2010 Vol 8; Iss 7; 555	
ORAL PRESENTATIONS	
International	
Operative Training: Trainee Perspectives and attitudes to different approaches and	Jul 2011
the learning implication - Mylvaganam	
Association for the Study of Medical Education Annual Conference 2011	
Palliative Endoscopic Interventions for Oesophagogastric Cancer:	
5 Year Experience – Katsoulis, Karoon, <b>Mylvaganam</b> , Livingstone.	June 2005
2 <sup>nd</sup> International Congress on GI Oncology 2005	
2 International Congress on Or Cheology 2002	
National	
Surgical management of DCIS during the Sloane project	
Kirwan CC, Stallard S, Mylvaganam S, Hilton B, Clements K, Cheung S, Thompson AM	June 2019
Association of Breast Surgery National Conference 2019	
Association of Dicust Surgery National Conference 2019	
IBRA Study: National Practice Questionnaire Preliminary Results	Nov 2015
Mylvaganam	
2 <sup>nd</sup> IBRA National Study Day 2015	
Workplace Based Assessments: A Formative Assessment	Dec 2011
Mylvaganam West Mids Research Collaborative National Meeting 2011	
west whus Research Conadorative National Meeting 2011	
Do Women really benefit from off pump coronary artery bypass grafting?	
Analysis of a single surgeon experience over 14 years.	May 2009
Ganesh J S, Mylvaganam S, Dmitri W R	
Society for Cardiothoracic Society in Great Britain	
and Ireland Annual meeting 2009	

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Mentoring – An important component in surgical career development Mylvaganam, Helbren Royal College of Surgeons Education Conference 2007	Sept 2007
Regional	
The 2WW referral pathway: Challenges and the way forward West Midlands Breast Chapter Meeting 2019 - Walsall	Nov 2019
The Assessment of breast symptoms and the 2WW referral pathway <b>Spire GP Day – Solihull</b>	Oct 2019
NHSBSP Surgeon data and practice reflections Midlands and East of England Screening surgeons 2019 - Leicester	June 2019
NHSBSP Surgeon data and practice reflections Midlands and East of England Screening surgeons meeting 2018 – London	June 2018
Tailor X Study: Overview and clinical implications West Midlands Breast Chapter Meeting 2018 – City Hospital	Nov 2018
Modern Day Oncoplastic and Reconstructive Surgery Spire GP Day Solihull Jan 2018	Jan 2018
Impact of chemotherapy on oncoplastic and reconstructive breast surgery The evolution of surgical approaches in HER 2 +ve breast cancer meeting Nov 17	Nov 2017
Variation in Oncotype DX Usage in the West Midlands West Midlands Breast Chapter Meeting 2017 - Worcester	July 2017
Benign Phylloides: Routine follow-up is not indicated West Midlands Breast Chapter Meeting – Birmingham	Sept 2013
The assessment of breast lumps in young women: The case for a change in guidelines West Midlands Breast Chapter Meeting - Birmingham	July 2012
Medical Education – Medical School is just the beginning. Clinical Society of Sri Lankan Doctors – London	Feb 2009
Medical Education – an inconvenient social science or every doctors prerogative. Eastern Region Study Day – Lister Hospital, Stevenage	June 2008

# POSTER PRESENTATIONS

Surgical management of DCIS during the UK Sloane audit project. Kirwan C, Stallard S, Mylvaganam S, Hilton B, Clements K, Cheung S, Thompson A San Antonio Breast Cancer Symposium Nov 2019	Nov 2019
Neoadjuvant Pertuzumab in the treatment of HER 2+ve breast cancer: Increased Pathological Complete Response, but at a cost? Vatish J, Pujji O, Al-Ishaq Z, Matey P, Mylvaganam S, Sircar T Association of Breast Surgery Conference 2019	June 2019
Is axillary clearance needed for all node-positive patients who are having neoadjuvant chemotherapy? Al Ishaq Z, Pujji O, Vatish J, Mylvaganam S, Sircar T Association of Breast Surgery Conference 2019	June 2019
How accurate is ultrasound scan in predicting the size of residual breast cancer following neoadjuvant chemotherapy? Al Ishaq Z, Pujji O, Vatish J, Mylvaganam S, Sircar T Association of Breast Surgery Conference 2019	June 2019
Surgical Management of DCIS during the Sloane Project Kirwan C, Stallard S, Mylvaganam S, Thompson A Association of Breast Surgery Conference 2019	June 2019
The Oncotype DX Breast test to guide management of node positive oestrogen receptor Positive HER2 negative breast cancer patients: the United Kingdom experience Matteo N, Battisti L, Gutteridge E, Mylvaganam S, Parton M, Ring A, McGrath S 16 <sup>th</sup> St Gallen International Breast Cancer Conference Mar 2019	Mar 2019
Wire guided impalpable breast lesion localisation: Old is gold? Reid J Allen C Green M Bowen N <b>Mylvaganam S</b> Matey P Bickley B Isgar B Sircar T Vidya R Association of Breast Surgery National Conference 2018	June 2018
Does the use of negative pressure wound therapy in closed wound after reconstructive and oncoplastic breast surgery decrease the incidence of skin necrosis? Al Ishaq Z, Salem F Mylvaganam S Sircar T Association of Breast Surgery National Conference 2017	May 2017
A national survey of UK breast trainees opinions on the Greenaway report and training implications of the 2013 ISCP curriculum Mylvaganam S Ward E Rattay T Henderson J Association of Breast Surgery National Conference 2015	June 2015
The iBRA study: A national multicentre audit of the practice and outcomes of implant based breast reconstruction. Potter S Holcombe C <b>Mylvaganam S</b> Thrush S Whisker L Skillman J ESSO 34 – BASO National Conference 2014	Oct 2014

General Surgical Trainees feedback seeking behaviour in the context of WPBA Gaunt A, Fallis S, Rustius V, Patel A, <b>Mylvaganam S</b> , Royle J, Almond M, Markham DH Association of Surgeons of Great Britain and Ireland International	May 2014
Congress 2014	
Therapeutic mammaplasty: oncologically effective and acceptable for breast conserving surgery in large volume disease. Mylvaganam S, Dube M, Matey P Association of Breast Surgery National Conference 2014	May 2014
The Management of C1 Cytology in the assessment of breast lumps: audit to ensure oncologically safe practice. Mylvaganam S, Page F, Chima P, Metaxas G, Ingle H Association of Breast Surgery National Conference 2014	May 2014
Workplace Based Assessments (WPBA) in General Surgery: Do they represent a chance to learn?	Dec 2013
Gaunt A, Fallis S, Rustius V, Patel A, <b>Mylvaganam S</b> , Royle J, Almond M, Markham DH	
National Registrar Research Collaborative Meeting 2013	
Routine follow-up of Benign Phylloides Tumours is not indicated Mylvaganam S, Frank L, Toro C, Vestey S, Thrush S Association of Breast Surgery National Conference 2013	May 2013
Patient access to immediate breast reconstruction following cancer surgery. Learning from the national mastectomy and breast reconstruction audit (NMBRA) <b>Mylvaganam S</b> Vethirajan N Boussouara K Metaxas G Ingle H <b>ASiT National Conference 2013</b>	Apr 2013
The importance of needle core biopsy in the diagnosis of Phylloides tumours <b>Mylvaganam S,</b> Frank L, Toro C, Vestey S, Thrush S <b>ASiT National Conference 2013</b>	Apr 2013
The assessment of breast lumps in young women: The case for a change in guidelines <b>Mylvaganam S</b> , Brimyard L, Mullan M <b>BASO National Conference 2012</b>	Nov 2012
Laparoscopic Appendicectomy: Are we doing too many that are avoidable? Mylvaganam S, Fowler TA, Budhoo M ASiT National Conference 2012	Mar 2012
Approaches to Operative Training and the Implications for Learning: The Trainee Perspective <b>Mylvaganam S</b> Academy of Medical Educators Academic Meeting 2011	Jan 2011

Intra-op specimen radiography for margin assessment in breast conserving surgery: the need for surgeon and radiologist. <b>Mylvaganam S</b> , Fowler TA, Bashir L, Purser NJ <b>British Breast Cancer Research Conference 2010</b>	Sept 2010
Cost Effectiveness and the choice of Surgical Instruments in Day Surgery: The role of Surgeons <b>Mylvaganam S</b> , Higenbottam C, Fowler TA, Purser NJ <b>British Association of Day Surgery National Conference 2010</b>	June 2010
Approaches to Operative Training and the Implications for Learning: The Trainee Perspective <b>Mylvaganam S</b> ASIT National Conference 2010	Mar 2010
Mentoring: An important component in surgical career development. Mylvaganam S, Nicholson J, Helbren E ASiT National Conference 2009	Mar 2009
The ENT Emergency Service: A prospective audit to improve effectiveness of an established service – <b>Mylvaganam S</b> , Patodi R, Campbell J <b>ASiT National Conference 2008</b>	Mar 2008
RESEARCH	
<ul> <li><b>IBRANET Localisation group</b></li> <li><b>Steering committee member</b></li> <li>National multicentre audit of the use of magseed for intra-operative breast cancer localisation. Contribution to protocol design and research governance</li> </ul>	Nov 2018- Present
100,000 Genome Project – Breast Cancer	June 2016- present
<ul> <li>NHS England study aiming to construct a database of patients with breast cancer with complete genome mapping</li> <li>Primary Investigator at Royal Wolverhampton Hospitals NHS Trust responsible for quality assurance of local delivery and protocol writing for framework for local delivery.</li> </ul>	
iBRA Study – Implant Breast Reconstruction Trials Steering Committee Member and Local Primary Investigator	Nov 2013- present
<ul> <li>Phase 1 - A national multicentre audit of the practice and outcomes of implant based reconstruction with or without acellular matrix assistance. Contribution to protocol design, patient recruitment and paper writing.</li> </ul>	

WPBA Study – The formative role of workplace based assessments(WPBA) Steering Committee member	May 2012- Jan 2017
<ul> <li>A national multicentre study assessing the formative use of workplace based assessments by surgical trainers and trainees and how feedback effects perceptions of learning.</li> <li>Recruitment completed 2013. Analysis identified trainee view of WPBA as a test and that those who are performance goal orientated see high costs in seeking feedback. Effective supervision has important role to play in encouraging trainees to seek and value feedback.</li> </ul>	
<ul> <li>Contribution to protocol design and chief investigator at Good Hope hospital recruiting trainers and trainees.</li> </ul>	
<ul> <li>POSNOC Study</li> <li>Study assessing whether adjuvant therapy alone or with axillary node clearance/axillary radiotherapy is best practice for positive sentinel node biopsy</li> <li>Local unit co-investigator.</li> </ul>	Mar 2015 – present
ROCSS Study – Reinforcement of Closure of Stoma Site Trial (West Mids Research Collaborative) Steering Committee Member	May 2011- Sept 2013
<ul> <li>Randomised Controlled Trial with the intervention of the placement of a biological mesh in order to reduce the rate of hernia at stoma closure site. Contribution to protocol writing.</li> </ul>	
<ul> <li>What are trainees' perspectives and attitudes towards different approaches to operative training and what may be the implications for operative learning.</li> <li>MA Thesis</li> <li>Supervisor: Dr Clare Morris <ul> <li>An analysis of the current operative training framework with privilege afforded to the lenses of cognitive and social constructs of learning. This identified educational gaps in the trainer-trainee relationship and constructing the community of learners within the operating theatre.</li> </ul> </li> </ul>	2009

<ul> <li>BSc Project: Ca<sup>2+</sup> permeable AMPA channels: A role in nociception.</li> <li>Supervisor: Professor Anthony Dickenson - University College London</li> <li>Electrophysiological study of Ca<sup>2+</sup> permeable AMPA receptors to determine a role in nociceptive transmission in a neuropathic model.</li> <li>The study performed on rats suggested that this receptor modulates the nociceptive pathway with potential as a pharmacological target for reducing nociceptive transmission and hence neuropathic pain conditions.</li> <li>Gained competence in constructing methods and analysing data in order to challenge a hypothesis.</li> </ul>	2000
CLINICAL AUDIT AND STUDY	
<ol> <li>Audit of the mastectomy practice at Royal Wolverhampton Hospitals NHS Trust Royal Wolverhampton Hospitals NHS Trust</li> <li>Assessment of the current practice of mastectomy for breast cancer and the immediate breast reconstruction rate and short term clinical outcomes</li> <li>34% immediate reconstruction rate</li> <li>Early clinical complication rate similar to mastectomy and reconstruction audit.</li> </ol>	June 2015
<ul> <li>(2) Audit of waiting times for breast reconstruction following neo-adjuvant chemotherapy <ul> <li>University Hospitals Birmingham NHS Trust</li> </ul> </li> <li>Assessment of current patient pathway for immediate reconstruction in this cohort from all referring hospitals against the national cancer intelligence agency 31 day target to subsequent treatment.</li> <li>21% compliance currently with delays identified where genetics and psychology referral necessary and poor documentation of discussion and coordination between oncology, breast surgery and plastic surgery.</li> </ul>	June 2014
<ul> <li>Compliance best where plastic surgeons engaged in patient care before or during chemotherapy.</li> </ul>	
<ul> <li>Recommendations discussed with oncology, breast surgery and plastic surgery with regards to coordination.</li> </ul>	
<ul> <li>(3) The Management of C1 cytology in the assessment of breast lumps Heart of England NHS Trust, Good Hope Hospital</li> <li>Evaluation of current practice in management of C1 lesions from breast clinic against DoH guidelines to determine compliance and oncological safety.</li> <li>Current department practice is oncologically safe with high compliance to DoH guidelines. Current practice favours radiological assessment over clinical assessment where MDT decision required for repeat histological assessment. This feedback Provided to MDT with caution to value all components of triple assessment.</li> </ul>	June 2013

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<ul> <li>(4) Patient access to immediate breast reconstruction following cancer surgery. Auditing against the national mastectomy and breast reconstruction audit (NMBRA)</li> </ul>	Jan 2013
Heart of England NHS Trust, Good Hope Hospital	
<ul> <li>Assessment of local accessibility to immediate breast reconstruction following introduction of plastic surgeons to the department practice after NMBRA.</li> <li>Immediate reconstruction rate significantly greater than pan Birmingham mean rate in NMBRA following on site plastic surgery service and oncoplastic MDT. Success of reconstruction pathway to be extended to breast conserving surgery with greater awareness of cases suitable for therapeutic mammoplasty.</li> </ul>	
<ul> <li>(5) Audit of physiotherapy service for breast cancer patients undergoing surgery Worcestershire Acute NHS Trust, Worcester</li> </ul>	July 2012
<ul> <li>Audit of practice against NICE guidance and local trust policy for physiotherapy advice, information and support required to be given to patients.</li> <li>Patients receiving and retaining information variable however compliance to exercises good.</li> </ul>	
<ul> <li>Repetition and consistently providing information through a variety of breast team members and using different modalities identified as key in maintaining compliance.</li> </ul>	
<ul> <li>Breast nurse telephone call day 2 postop introduced and re-audited producing higher levels of recall of information and compliance to exercises.</li> </ul>	
<ul> <li>(6) The assessment of breast lumps in young women: The case for a change in guidelines. (Audit of Practice)</li> <li>Worcestershire Acute NHS Trust, Worcester</li> </ul>	June 2012
<ul> <li>Audit against ABS and trust guidance of assessment of breast lumps in women &lt;25 y/o. Audit extended to look at oncological safety and cost effectiveness in women &lt;30y/o</li> </ul>	
<ul> <li>Good compliance confirmed with national and local guidance</li> <li>Oncological safety seen if extended to &lt;30 y/o and also cost effective with £20,000 saving over last 3 years. Proposed change to local guidance.</li> </ul>	
<ul> <li>(7) The Management of Right Iliac Fossa Pain: The Age of the Laparoscope (Audit of practice)</li> <li>Heart of England NHS Trust, Birmingham</li> </ul>	June 2011
<ul> <li>Current practice compared against literature best practice for laparoscopic appendicectomy rates and morbidity.</li> <li>Identified current practice comparable to that published in the literature.</li> <li>Recommended the use of WCC/CRP/USS findings in subset of patients with diagnostic doubt to reduce negative appendicectomy rate particularly in women.</li> </ul>	

(8) Audit on Thromboprophylaxis in Thoracic Surgery Patients UHCW NHS Trust, Coventry	May 2008
<ul> <li>Analysis of adherence to NICE 2003 guidelines.</li> <li>Variable compliance noted.</li> <li>Recommended proforma for thrombosis risk assessment and prophylaxis guidance.</li> </ul>	
<ul> <li>(9) Audit on IT Implementation in the NHS – The Safe Surgery example.</li> <li>Heart of England NHS Trust, Birmingham</li> </ul>	July 2007
<ul> <li>IT system implemented for admitting and tracking patients through elective operative stay to improve efficiency and risk management.</li> <li>Audited use of the system to identify compliance to its use.</li> <li>Survey of IT system identifying barriers to compliance including knowledge and training.</li> <li>Interventions implemented to improve system use including drop in training sessions.</li> </ul>	
(10) Audit on "Appropriate use of the ENT emergency clinic: Prospective study assessing appropriateness of referrals and number and seniority of staffing required to deliver the service." Heart of England NHS Trust, Birmingham	Dec 2006
<ul> <li>Clinical risk and quality of service issue identified from first hand experience of working in the clinic.</li> <li>Data collected on referral stream, referring symptoms, waiting times, diagnosis and outcome.</li> </ul>	
<ul> <li>Recommendations for an appointment based service with referrals policed by on call doctor implemented.</li> <li>Cycle completed by re-audit with reduction in waiting times and inappropriate consultations.</li> </ul>	
TEACHING AND TRAINING	
Qualifications	
Member of the Faculty of Surgical Trainers Royal College of Surgeons Edinburgh	2013
MA in Medical Education (Commendation) University of Bedfordshire	2009
Formal Roles	
CSTAC Core surgery national selection lead	June 2020

Lead Training Programme Director (Core Surgery)	Aug 2019
Area Training Programme Director (Core Surgery)	Sept 2018
Royal College of Surgeons Clinical Tutor	Feb 2016 – July 2019
Care of the Critically Ill Surgical Patient (CCrISP) Instructor	2011 – present
ATLS Instructor	2010-2015
Lead Tutor for Basic Surgical Skills Training4doctors Organisation	2009-2018
<ul> <li>Delivery of course targeted at final year medical students and junior doctors</li> </ul>	
Honorary Clinical Tutor School of Clinical and Experimental Medicine University of Birmingham	2011-2014
<ul> <li>Personal mentor group of 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> year medical students providing structured academic and pastoral assistance.</li> </ul>	
Formal Activity	
Royal Wolverhampton Clinical Fellowship programme – Divisional Education and Quality Lead	Sept 2020- present
Royal Wolverhampton Clinical Fellowship programme - Programme lead for Surgery	Apr 2016- present
<ul> <li>Programme director for the fellowship basic surgical rotation including educational and training leadership, supervision and programme quality assurance</li> </ul>	
Royal Wolverhampton Clinical Fellowship programme – Nigeria Fellows programme management group member	Mar 2017- aug 2019
<ul><li>Delivery of fellow selection process</li><li>Leadership of surgical specialities fellow programme</li></ul>	
<ul> <li>Organiser and chair of Mammary Fold preABS Educational meeting</li> <li>Constructed sessions including topics and debate, invited speakers, secured sponsors and organised venue and meeting dinner.</li> </ul>	May 2014
<ul> <li>Chair of Mammary Fold Session at Association of Breast Surgery Conference 2014</li> <li>Constructed session including topics and invited speakers.</li> </ul>	May 2014
University of Birmingham Medical School undergraduate Year 3 MBChB OSCE Examiner Worcester Royal Hospital, Heartlands Hospital and Good Hope Hospital	2010-2013
<ul> <li><i>Hospital MBChB formal undergraduate surgical teaching</i></li> <li>Alexandra Hospital Worcestershire Acute NHS Trust, Redditch</li> <li>Constructed placement curriculum and resources for 5<sup>th</sup> years</li> </ul>	2008-2009

Senthurun MYLVAGANAM	[]
<ul> <li>Coordinated delivery of teaching</li> <li>Performed weekly teaching (2 hour session)</li> <li>Won the trust prize for best trainer/teacher</li> </ul>	
<ul> <li>General surgery foundation doctor induction programme</li> <li>Alexandra Hospital, Redditch</li> <li>Constructed induction programme and resources</li> <li>Coordinated and lead delivery of induction programme</li> </ul>	2009
<ul> <li>Foundation Doctor Surgical Skills Course Teaching</li> <li>Alexandra Hospital, Redditch</li> <li>Teaching faculty on surgical skills course as part of Trust Foundation teaching programme</li> </ul>	Feb 2009
Courses	
Curriculum leaders for change (ISCP and the new curriculum) Royal College of Surgeons England	Jan 2020
Delivering excellence in ARCP HEE	Oct 2019
Training the Trainers: Using procedure based assessments effectively Royal College of Surgeons Edinburgh	Apr 2014
Training the Trainers: Education supervision for trainers West Midlands Deanery	Feb 2014 revalidated every 2 years
<ul> <li>Teaching in Professional Systems (TIPS) course</li> <li>Royal Free and University College London Medical School.</li> <li>professional teaching course followed by 6 week programme teaching clinical examinations to 1<sup>st</sup> yr clinical students.</li> <li>Devised an OSCE based examination including mark scheme as subsequent assessment.</li> </ul>	Sept 2002
MANAGEMENT AND LEADERSHIP SKILLS	
Formal Roles	
Chair core surgery national selection committee	Aug 2020- present
Core Surgery Training Advisory Committee (CSTAC) Member	Jun 2019-present
Sloane Project committee steering member	Nov 2018-present
RWT Breast MDT West Midlands Genomics Tumour Board representative	Aug 2018- present
RWT 100k Genome project lead (breast cancer)	Aug 2016-present
Professional and Clinical Advisor in Surgery NHS Breast Screening Programme West Midlands, Public Health England	July 2016-present

Royal Wolverhampton Hospitals NHS Trust Postgraduate education committee member	Feb 2016-Aug 2019
Health Education West Midlands Core Surgery Training Committee member	Feb 2016- present
Royal Wolverhampton Hospitals NHS Trust Breast Services Governance Chair	Jan 2016-Jan 2017
Royal Wolverhampton Hospitals NHS Trust representative to the West Midlands Expert Advisory Group for Breast Services	June 2015- present
<ul> <li>President of The Mammary Fold</li> <li>Responsible for representing the voice of trainees at ABS council.</li> <li>Responsible for expansion of the organisation and tackling the challenge of greater membership engagement and improved representation.</li> <li>Intiatives include introducing regional representatives, improved digital footprint including fit for purpose website, facebook and twitter.</li> </ul>	2013-2014
<ul> <li>Association of Surgeons in Training Council Member</li> <li>Responsible for representing the voice of breast trainees at ASiT council.</li> <li>Contributions to formal response statements including.</li> <li>Contribution to organisation and delivery of ASiT conference 2012 &amp; 2013</li> </ul>	2011-2013
<ul> <li>Mammary Fold Council Member (ASiT Rep)</li> <li>Specific contribution to the content and delivery of the Mammary Fold session at ABS meeting 2012</li> </ul>	2011-2013
<ul> <li>Member of Trust MMC/European Working Time Directive Project Board Heart of England NHS Trust</li> <li>Represented the voice of trust trainees.</li> <li>Awareness of the Trust framework and process in dealing with change.</li> </ul>	2007
Formal Activity	
<ul> <li>Trust lead for multi-trust breast implant procurement project</li> <li>Trust lead and clinical steering member for collaborative tender process for breast implant consignment selection. Responsible for major contributions to selection criteria and undertaking scoring for tendered products.</li> </ul>	2017
<ul> <li>Service lead for procurement of lipomodelling equipment</li> <li>Coordinating with local charities and leading business case and tender process to procure a new system for fat harvesting.</li> </ul>	2017
<ul> <li>Shadowing of Director of Partnerships (UHB NHS Trust Executive team member)</li> <li>Attended Clinical Commissioning group liaison meeting and trust meetings on service development and with management consultants on modelling and improving efficiency of non elective patient flow in pan Birmingham hospital trusts.</li> </ul>	Apr 2014

Courses	
Clinical Management and leadership course for surgical specialties Keele University	2014
Politics, Power and Persuasion in the NHS Cumberledge Eden & Partners	2013
Management Skills for Junior and Middle Grade doctors Medicology	2006
Leadership Skills for Junior and Middle Grade doctors Medicology	2006
PROFESSIONAL COURSES	
Motiva Hybrid implant masterclass	Aug 2019
Rome Breast Symposium	June 2018
Areola Tattooing course	Oct 2017
Surgical approaches to neoadjuvant treatment in her 2 +ve breast cancer	Nov 2017
Breast Aesthetics plastic surgery course Polytech, Bucharest Romania	Feb 2017
Fundamental principles of anatomical implants master class with Dennis Hammond Mentor, Athens Greece	Nov 2015
ORBS Technical Workshop: Breast Reduction techniques Nottingham Breast Institute, Nottingham University Hospitals	Mar 2014
TIG cadaveric course in oncoplastic breast surgery Newcastle Surgical Training Centre, Freeman hospital, Newcastle	Jan 2014
Breast Reconstruction: Implant with acellular dermal matrices cadaveric course Life Cell, Newcastle Surgical Training Centre, Freeman Hospital, Newcastle	Oct 2013
Live Surgical Demonstration: Breast Reconstruction and revisions; the use of acellular dermal matrices Life Cell, Wythenshawe hospital, Manchester	May 2013
Good Clinical Practice Birmingham Clinical Trials Unit (Online update Mar 2015 & 17) Good Hope hospital, Sutton Coldfield	Nov 2012

Surgeons Forum: Use of acellular dermal matrices in breast reconstruction and challenging abdominal wall reconstruction Life Cell, Berlin	Oct 2012
Understanding Statistics and Research Methodology Good Hope hospital, Sutton Coldfield	July 2012
Frenchay Breast Ultrasound Course Southmead Hospital Bristol	Mar 2012
Specialty Skills in Oncoplastic & Breast Reconstruction Surgery ST3-5 Royal College of Surgeons England	Sept 2009
<u>IT SKILLS</u>	
<ul><li>European Computer Driving License Modules 1-2.</li><li>Proficient with word processing, spreadsheets and powerpoint presentations.</li></ul>	Jan 2007
PROFESSIONAL MEMBERSHIPS	
<ul> <li>British Medical Association</li> <li>Royal College of Surgeons England</li> <li>Faculty of Surgical Trainers Royal College of Surgeons Edinburgh</li> <li>Association of Breast Surgery</li> </ul>	
<u>INTERESTS</u>	
I am father of 2 children, which has been a wonderful gift and enriched the lives of my wife and I. I continue to play competitive tennis with great enthusiasm playing in the Birmingham singles league and playing local and county LTA tournaments with some success. I also enjoy 18 holes as a social golfer with my best round of 13 over par.	
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