

***Dr Elena Pizzo, PhD, MSc, BSc***

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**Fields of Specialisation**

Economic Evaluation, Pharmacoeconomics, HTA, Health Economics

**Education / Qualifications**

<b>Date</b>	<b>Qualification</b>	<b>Institution</b>
01/2005–03/2009	PhD in Economics and Management	University of Padua, Italy
01/2003–12/2003	MSc in Economics and Management of Healthcare Services	Ferrara University, Italy
09/1997–11/2002	BSc in Economics and Business	University of Padua, Italy
09/1992– 07/1997	Scientific Diploma	Scientific Liceum “C.Cattaneo”, Italy

**Professional History**

<b>Date</b>	<b>WTE</b>	<b>Position</b>	<b>Institution</b>
March 2014-present	FTE	Senior Research Associate in Health Economics	Department of Applied Health Research – University College London, UK
April 2009-March 2014	FTE	Research Associate	Imperial College Business School, London, UK
July 2008-April 2009	FTE	Research Assistant	Department of Economics, Ferrara University, Italy
January 2008-Dec. 2008	FTE	Research Assistant	Department of Economics, Padua University, Italy

**Other Appointments and Affiliations**

<b>Date</b>	<b>Affiliation/Appointment</b>	<b>Institution</b>
October 2019 - present	Deputy Theme Lead Health Economics and Data (HEAD)	NIHR ARC North Thames, UCL, London
July 2019 - present	Health Economics Expert	NIHR HTA CET Funding Committee
April 2019 - present	HTA Methodological expert, clinical trial network	Connect4Children pan-European Network for European Clinical Trials for Children
Jan 2019 - present	Health Economics Adviser	SITU -Surgery and Interventional Trials Unit UCL
February 2019 - present	Editorial Board Member	International Journal of Health Economics & Policy
March 2014 – Sept 2019	Research Partnership Team	NIHR CLAHRC North Thames, London
March 2009 - present	Honorary visiting lecturer	Imperial College Business School London

## Additional Activities

Research steering committees	<ul style="list-style-type: none"> <li>• Since 2016: Member of the steering committee for the Mixed Method Evaluation of GIRFT (PI: H. Barratt; NIHR CLAHRC North Thames London) – investigating the impact of GIRFT in improving NHS service in orthopaedics.</li> <li>• 2014-2019: Member of the steering committee for the VALID clinical trial study (PI Prof M. Orrell, funded by NIHR HTA) - investigating the development, evaluation and implementation of a new community occupational therapy in dementia.</li> <li>• Since 2019: UCL Health Economics steering committee</li> <li>• Since 2019: Surgery and Interventional Trials Unit UCL Scientific directors meetings</li> </ul>
Review of grants	<p>Reviewer of grant applications for:</p> <ul style="list-style-type: none"> <li>• NIHR Health Technology Assessment (HTA) Programme</li> <li>• NIHR Service Delivery and Organisation (SDO)</li> <li>• NIHR Research for Patients Benefit (RfPB)</li> <li>• NIHR CLAHRC (review of projects submitted for internal funding)</li> <li>• Swiss National Science Foundation</li> <li>• Irish Health Research Board</li> </ul>
Review of journals	<p>Regular peer reviewer for:</p> <p>European Journal of Health Economics, BMJ Open, British Journal of Cancer, Value in Health, Pharmacoeconomics, International Journal of Health Economics and Policy, Journal of Health Policy, Journal of Nervous and Mental Disease, Gastroenterology &amp; Hepatology, British Journal of Dermatology, BMC Health Services Research, Therapeutics and Clinical Risk Management, Medicine, Politiche Sanitarie (Italian)</p>
Grant panel committee	<ul style="list-style-type: none"> <li>• NIHR HTA CET funding committee member (July 2019- 4 years appoint.)</li> <li>• Irish Health Research Board (September 2019)</li> <li>• NIHR Policy Research commissioning panel (RfPB) as health economics expert (20017-18)</li> <li>• Swiss National Science Foundation (2018)</li> </ul>
Professional membership	<ul style="list-style-type: none"> <li>• International Health Economics Association (iHEA)</li> <li>• International Society for Pharmacoeconomics and Outcomes Research (ISPOR)</li> <li>• American Society of Health Economics (ASHE)</li> <li>• Health Economists' Study Group (HESG)</li> <li>• Italian Association of Health Economics (AIES)</li> <li>• Portuguese Association of Health Economics (APES)</li> <li>• Spanish Association of Health Economics (AES)</li> </ul>

## Prizes, Awards and Other Honours

Date	Details	Awarded Body
June 2020	Nominated as Inspiring teaching delivering at UCL	Student UC UCL
September 2012	Awarded prize for the best presentation	HaCIRIC International Conference Cardiff
January 2005	3 years PhD Scholarship	Italian Minister of Education
December 2002	MSc Scholarship	European Social Found Grant

## Grants

Funder	Period	Title/Purpose	Role	PI
NIHR HTA	10/2012-01/2022	TARGIT-B International RCT to compare targeted intra-operative radiotherapy boost with conventional external beam radiation boost after lumpectomy for breast cancer in women with high risk of local recurrence.	Co-Investigator Lead of the Health Economics analysis	Jayant S Vaidya
NIHR RfPB stage 2 NIHR200765	04/2020 - 03/2023	VELRAD Videoendoscopic radical inguinal lymphadenectomy versus open radical inguinal lymphadenectomy in patients with penile cancer: a feasibility randomised controlled trial	Co-investigator Lead of the Health Economics analysis	Mr Asif Muneer
NIHR CrossProgramme Digital Health Research 18/89 Digital Techn.	01/2020-12/2022	Evaluating the effectiveness of the alcohol reduction smartphone app, Drink Less, for excessive drinkers in the UK: a randomised controlled trial	Co-Investigator Lead of the Health Economics analysis	Claire Garnett (UCL Dep. Behavioural Science)
NIHR RfPB NIHR200536 (24551)	02/2020-09/2021	Identifying facilitators and barriers to implementation of tumor biopsy pathway for small renal masses (IFIT-B)	Co-Investigator Lead of the Health Economics analysis	Maxine Tran (UCL Div. Surgical Biotech.)
JP Moulton Charitable Foundation	08/2019-07/2022	NeuroSAFE- A single-blinded, multi-centre RCT comparing NeuroSAFE Robot prostatectomy (RALP) to standard RALP	Co-Investigator Lead of the Health Economics analysis	Gregory Shaw (UCLH and QMUL)
NIHR HTA 17/135	05/2019-04/2022	Cytoreductive surgery with hyperthermic intraoperative peritoneal chemotherapy (HIPEC) versus standard of care in people with peritoneal metastases from colorectal, ovarian or gastric origin: systematic review, individual participant data meta analyses and cost effectiveness	Co-Investigator Lead of the Health Economics analysis	K. Gurusamy (UCL Div. Surgical Biotechnology & SITU)
NIHR Research for Patient Benefit (RfPB) Programme PB-PG-0817-20013	04/2019-03/2022	A feasibility study of a cohort embedded RCT comparing NEphron Sparing Treatment (NEST) for small renal masses	Co-Investigator Lead of the Health Economics analysis	Maxine Tran (UCL Surgical Biotech.)
NIHR RFPB competition 35 PB-PG-1217-20042	04/2019-03/2022	Treatment of Unresectable Locally Advanced Pancreas Cancer with Percutaneous Irreversible Electroporation Following Initial Systemic Chemotherapy: A Feasibility RCT (LAP-PIE)	Co-Investigator Lead of the Health Economics analysis	Brian Davidson (UCL Dep. Surgical Biotech.)
NIHR CLAHRC North Thames	03/2019-09/2019	Cost-effectiveness analysis of a non-invasive screening strategy (elastography and platelet count) compared to endoscopy in diagnosis of varices for patients with liver cirrhosis	<b>Principal Investigator</b>	<b>E. Pizzo (UCL)</b>

<b>Funder</b>	<b>Period</b>	<b>Title/Purpose</b>	<b>Role</b>	<b>PI</b>
NIHR RfPB	04/2019 –03/2021	Evaluating an early social communication intervention for children with Down Syndrome: a feasibility study	Co-Investigator Lead of the Health Economics analysis	Vesna Stojanovic (Reading University)
Barts and the London Charity	01/2019- 06-2020	Mediterranean diet to prevent type 2 diabetes in women with gestational diabetes: a feasibility study - MERIT	Co-Investigator Lead of the Health Economics analysis	Shakila Thangaratinam (QMUL Women's Health and UCL)
Barts and the London Charity	08/2018- 06/2020	Effectiveness and acceptability of metformin in preventing onset of type 2 diabetes after gestational diabetes in postnatal women: A feasibility study for a blinded, placebo-controlled randomised trial (Phase III trial) OMAHA	Co-Investigator Lead of the Health Economics analysis	Shakila Thangaratinam (QMUL Women's Health and UCL)
Barts and the London Charity	02/2018- 10/2019	Effectiveness and acceptability of <i>myo</i> -inositol nutritional supplement in the prevention of gestational diabetes: a pilot placebo controlled double blind randomised trial (EmMY)	Co-Investigator Lead of the Health Economics analysis	Shakila Thangaratinam (QMUL Women's Health and UCL)
NHS Litigation Authority	05/2016- 01/2017	Provision of Data Analysis and Economic Evaluation of the Incentivisation Scheme in support of Sign up to Safety on behalf of the NHS LA	<b>Principal Investigator</b>	<b>Elena Pizzo</b>
NIHR CLAHRC North Thames UK	04/2016- 12/2018	Mixed methods evaluation of the Getting it Right First Time programme: improvements to NHS orthopaedic care in England	Co-Investigator Health Economist	Hellen Barratt (UCL- DAHR)
Redbridge CCG	03/2016- 12/2016	Provision of the NHS 111/Urgent Care Patient Relationship Manager Evaluation	Co-Investigator Lead of the Health Economics analysis	Ian Maconochie (Imperial College - Medicine)
NSPCC	01/2016- 05/2016	Develop estimates of the long-term consequences of child maltreatment in the UK	Co-Investigator Cost analysis and modelling	Gabriella Conti (UCL Economics)
NIHR	09/2014- 08/2019	NIHR CLAHRC for North West London	Co-Investigator Health Economist, supervising economic analysis	Derek Bell (Imperial College-Medicine)
NIHR-SDO	06/2011- 08/2013	Evaluating a major innovation in hospital design: workforce implications and impact on patient and staff experiences of all single room hospital accommodation	Co-Investigator Health economist-Economic evaluation	J. Maben (King's College – Imperial College)
Italian Minster Health	2007- 2008	Cost-effectiveness of a CRC screening in Emilia Rom.	Co-Investigator Health economist	E. Vagnoni (Ferrara University)
Currently awaiting results of 2 NIHR RfPB (stage 2); 2 NIHR HTA (stage 1), 1 NIHR PDG, 1 Horizon2020				

**Invited Talks**

<b>Date</b>	<b>Topic</b>	<b>Meeting</b>	<b>Country</b>
16-17-18 June 2020 (webinar)	HTA on devices, drugs and COVID time in UK	Webinar-Motore Sanità	Webinar
5 June 2020 (cancelled)	Economic evaluation of colorectal cancer	Gastro-day Life conference	Ferrara Univ., Italy
17-19 April 2020 (declined COVID)	Role of HTA and Pharmacoeconomics: UK experience	HTA and Pharmacoeconomics workshop	Jordan
20 February 2020	Migraine an endemic pathology to reconsider	Roundtable - Italian OMMG	Vicenza, Italy
24-26 January 2020	Drug costs and outcomes	NZW- European Society of Oncology Pharmacy Conference (ESOP)	Hamburg, Germany
29 November 2019 (declined OC.)	Invited talk - Pharmacoeconomics	Minister of Health training meeting	Qatar
8 October 2019	Invited speaker- The role of health economics and HTA in health care and cancer treatment	Regional Institute of Oncology Seminar	University of Padua, Italy
17 September 2019	Invited speaker – Health economics evaluation alongside clinical trials: evidence from the treatment of stroke	Healthcare Management and Economics Workshop – Different approaches and new challenges in HTA	Cattolica University Rome, Italy
21-23 March 2019 (declined due to other commitment)	Keynote- Role of Pharmacoeconomics in UK and challenges	2 <sup>nd</sup> Healthcare and Pharmacoeconomics Symposium (HPES 2019)	Riyadh, Saudi Arabia
12 February 2019	Plenary- Role of health economics in grant applications	Health Economics in translational research	London, UK
22 January 2019	Plenary- Introduction to principles of economic evaluation	Departmental seminar, Faculty of Medicine	Bologna University, Italy
12-13 December 2018	Keynote- Role of pharmacoeconomics in UK	Saudi Pharmacoeconomics Summit	Alfaisal University, Saudi Arabia
25-27 October 2018	Roundtable- Role of health economics and HTA in cancer	4 <sup>th</sup> European Conference of Oncology Pharmacy	Nantes, France
1-2 October 2018	Plenary- Principles of health economics in health care	Departmental seminar, Neuroscience	Bologna University, Italy
16-17 March 2018	Keynote- Role of decision making in cancer treatment	European Society of Oncology Pharmacy Conference (ESOP)	Brussels, Belgium
13-14 October 2017	Plenary- Decision making to inform resource allocation in cancer treatment	International conference on Minimal Standard & quality assurance in oncology.	Padua University and Veneto Institute of Cancer, Italy
15-16 September 2017	Plenary-The role of health economics in resource allocation for breast cancer treatment	RSM 4 <sup>th</sup> breast cancer forum	Royal Society of Medicine, London
3 November 2016	Plenary-Health economics at DAHR	UCL Health Economist Event	UCL, London
3 November 2016	CEA in ageing population	UCL Aging Event	UCL, London
13 November 2015	Cost-effectiveness of Mechanical Thrombectomy in UK	Stroke Association Roundtable	Stroke Association, London
31 October 2014	Cost-effectiveness of Mechanical Thrombectomy in stroke	Healthwise conference	Groningen Univ. Netherlands

I have been **chair discussant** at many AIES conferences and HESG 2016 conference in Gran Canarias.

Last updated June 2020

## Conferences and Academic Meetings

<b>Date</b>	<b>Topic</b>	<b>Meeting</b>	<b>Country</b>
11 June 2020	Cost-utility of VALID in dementia Cost-utility of non invasive screening for cirrhosis	EUHEA 2020	Virtual conference
19-20 Feb 2020	Cost-utility of MT in large core stroke (oral presentation)	International Stroke Conference	Los Angeles, USA
4-5 October 2019	Cost-utility of non-invasive screening in cirrhosis (oral presentation)	AIES	Pisa, Italy
24-26 June 2019	Cost utility of MT in stroke (oral present.) Cost-utility of VALID in dementia (oral)	Neurology and Brain Disorders conference	Paris, France
9-14 Nov. 2018	Cost-utility of VALID in dementia (poster)	ISPOR	Barcelona, Spain
27-29 Sept 2018	Cost-utility of OT intervention in dementia (oral presentation)	AIES	Naples, Italy
11-13 April 2018	Cost-utility of MT up to 24 hours (oral); Comparing cost-effectiveness of a centralised versus decentralised stroke care system in northern Netherlands (oral pres.)	27 <sup>th</sup> European Stroke Conference	Athens, Greece
4-8 November 2017	Cost-utility analysis of a new model to treat stroke in the Netherlands (oral present.)	ISPOR	Glasgow, Scotland
5-6 October 2017	Cost-utility analysis of OT interventions in dementia (oral presentation) Long term cost of child maltreatment in UK (oral presentation)	AIES	Pavia, Italy
8-11 July 2017	Long term cost of child maltreatment in UK (oral presentation)	iHEA	Boston, USA
13-16 July 2016	Cost-utility analysis of MT in stroke in Italy (oral presentation)	EuHEA Conference	Hamburg, Germany
15-17 October 2015	Cost-utility analysis of MT in stroke in Italy (oral presentation)	AIES	Sassari, Italy
27-28 October 2014	Cost-utility analysis of MT up to 6 hours in stroke in UK (oral presentation)	AIES	Venice, Italy
22-23 Nov 2013	Economic evaluation of alternative delivery interventions (oral presentation)	AIES	Trento, Italy
10-12 October 2013	The cost of hospitalizations associated with Sickle Cell Disease with crisis in England (oral presentation)	APES	Braga, Portugal
6-10 July 2013	The cost of hospitalizations associated with Sickle Cell Disease with crisis in England (oral presentation)	iHEA	Sydney, Australia
6 February 2013	CLAHRC monthly research meetings	Imperial College	London, UK
5 February 2013	Internal seminar presentation	Imperial College	London, UK
15-16 November 2012	Economic evaluation of alternative delivery interventions (oral presentation)	AIES	Rome, Italy
3-7 November 2012	Estimates of costs and benefits of alternative delivery methods (poster)	ISPOR	Berlin, Germany
20 -21 Sept 2012	Results from economic evaluation of new innovation in health care (oral pr.)	HaCIRIC International Conference	Cardiff, UK
19-20 March 2012	Cost-utility of a new HIV screening (oral presentation)	HIV in Europe	Copenhagen, Denmark
13-15 October 2011	Patient and public involvement: it's time to think how much we spend and what the benefits are (oral presentation)	APES	Lisbon, Portugal
10-13 July 2011	Patient and public involvement: economic evaluation (oral presentation)	iHEA	Toronto, Canada
6-9 November 2010	Economic evaluation of colorectal screening (poster and oral)	ISPOR	Prague

## Academic Supervision

### PhD supervision\* at UCL

Name	Topic	Start date FTE	Status	Role
Tom Stephens	The supply and demand of quality process in primary care: the impact of cognitive function and the cost-effectiveness of strategies for improvement	Dec 2016 Full time	Upgraded 02/2018 (due June 2020)	Second supervisor
Magdalena Garcia	Cost-effectiveness of kidney treatment in Chile	Dec 2017 Part-time	Upgraded 10/2018	Second supervisor

\*February 2020: upgraded to Primary supervisor

### PhD supervision outside UCL

Name	Topic	Start date FTE	Status	Role
Christopher Wai Hung Yau	Cost-utility of PROMPT- Practical Obstetric Multi Professional Training (University of Bristol)	March 2016	Passed VIVA 30 Oct 2019	Second supervisor
Freriks Roel	Health economics (University of Groningen)	2016	Upgraded (submitting)	External advisor

### Postgraduate student supervision

Name	Topic	AY	Outcome	Role
Rufia Khanom	MSc in Population Health, UCL Systematic literature review	2019-20	Ongoing	Primary supervisor
Xiazhen Xie	MSc in Health Economics and Decision Science, UCL. <i>Economic evaluation (TBC)</i>	2019-20	Ongoing	Primary supervisor
Jingkun Li	MSc in Health Economics and Decision Science, UCL. <i>Economic evaluation (TBC)</i>	2019-20	Ongoing	Primary supervisor
Antonello Carta	MSc in Health Economics, Venice Univ. <i>The hidden cost of staff turnover in hospital</i>	2019-20	Ongoing	Primary supervisor
Barbara Veneruzzo	MSc in Health Economics, Venice Univ. <i>Cost effectiveness of outsourcing of laboratory logistics</i>	2019-20	Ongoing	Primary supervisor
Michele Cuccaro	MSc in Health Economics, Venice Univ. <i>Cost-utility of alternative prenatal screening strategies</i>	2019-20	Ongoing	Primary supervisor
Kexin Jin	MSc in Health Economics and Decision Science, UCL <i>Inequalities in health care in Scotland</i>	2018-19	Completed	Secondary supervisor
Meiyu Wu	MSc in Health Economics and Decision Science, UCL <i>Inequalities in health care in England</i>	2018-19	Completed	Secondary supervisor
Aurora Burgio	MSc in Health Economics, University of Venice <i>Value based Health care, state in Italy</i>	2018-19	Completed-Distinction	Primary supervisor
Gianluca Capucci	MSc in Health Economics, University of Venice <i>HTA in Europe and Italy: state of the art, challenges and future steps.</i>	2018-19	Completed-Pass	Primary supervisor
Monica Cecchin	MSc in Health Economics, University of Venice <i>Economic evaluation of peripherally inserted catheter</i>	2018-19	Completed-Distinction	Primary supervisor

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Enrica Sanna	MSc in Health Economics, University of Venice <i>Outsourcing health care devices in Italy.</i>	2017-18	Completed Distinction	Primary supervisor
Anastasia Makropoulou	MSc in Clinical Neuroscience UCL <i>Cost of illness analysis of severe epilepsy in England</i>	2015-16	Completed - Pass	Secondary supervisor
Ivanna Legkar	MSc in Health Economics, University of Venice. <i>HTA of Duralock versus heparine for hemodialysis</i>	2014-15	Completed-Distinction	Primary supervisor
Nadia Pallari	MSc in Health Economics, Imperial College London. <i>The cost effectiveness of an Alere POCT for CD4 count in HIV patients</i>	2013-14	Completed-Distinction	Secondary supervisor

## Research Career Summary

Date	Core Research Activity
April 2009 - March 2015	<b>Research Associate</b> in the NIHR CLAHRC North West London, Imperial College. Role: work with a multi-disciplinary team of researchers to set up and perform the economic evaluation of a broad range of interventions, including the diagnosis and management of HIV ( <a href="#">Pizzo et al. 2012</a> ) and sickle cell ( <a href="#">Pizzo et al. 2014</a> ). I also investigated the cost of patient and public involvement in research ( <a href="#">Pizzo et al. 2014</a> ). Involved in several projects to evaluate the cost-effectiveness of cancer screening programmes.
March 2014- September 2019	<b>Senior Health Economist for the Research Partnership Team</b> in the NIHR CLAHRC North Thames, London. Role: work within a multi-disciplinary group of senior researchers to build and sustain collaborations with NHS and LA staff and other academics to identify and progress new areas for research, with a focus on user needs. Translate research questions in new research projects and develop grant applications to get additional funding.
October 2019-present	Since October I have been promoted to <b>Deputy Lead of the Health Economics and Data (HEAD)</b> for the NIHR ARC North Thames, London. Role: Build health economics collaborations across the Tri-ARC network, including capacity building initiatives and methodological research to improve the usefulness of economic evidence for decision-makers and the economics of multi-sectoral working. I will keep working as Senior Health Economist in the <b>Research Partnership Team</b> of the NIHR ARC, providing my expertise to the new research projects and proposals from the Partner organisations.

### Specific Research Activity

Since my appointment as Senior Research Associate at UCL I developed specific areas of research expertise, including stroke, cancer diagnosis and treatment, hepatology, diabetes, dementia, maternity and child care

### STROKE TREATMENT

Since 2015 I am exploring the cost-effectiveness of interventions to treat ischemic stroke.

2015 – ongoing  
In collaboration with colleagues from Imperial College London I started exploring the cost-utility of **mechanical thrombectomy (MT)** versus thrombolysis performed **up to 6 hours** from ischemic stroke. I led and published the first paper on this topic in the UK in 2015 ([Ganesalingam, Pizzo et al, Stroke 2015](#)): the results were used as evidence in the following **NICE guidelines (NICE 2018)**, and **NHS England policy (NHS England, 2018)**.

2018  
In 2018 NICE contacted me requesting further evidence on the cost-utility of performing MT **after 6 hours**, specifically asking that I undertake the evaluation. I published a paper in 2019 ([Pizzo et al, IJS 2019](#)) that was cited in the **NICE revision** of stroke guidelines ([NICE 2019](#)). A [podcast](#) on the results of my study has been released by the IJS in 2019.



	Since 2015 the uptake of mechanical thrombectomy has increased in the UK (SNAPP, 2019), but there is ongoing debate on the implications at organisational level.
2018	In 2018 I started a collaboration with <b>Groningen University</b> to evaluate the reconfiguration of services to provide stroke treatment. I've advised a PhD student on the topic who successfully completed and submitted a paper accepted for publication ( <a href="#">Freriks et al 2017</a> ; <a href="#">Freriks et al 2020</a> ).
2019	In 2019 I started a collaboration with a team of researchers in <b>Texas</b> (US), using the results of a recent trial, exploring the effectiveness of <b>MT in large core ischemic stroke</b> . An abstract has been presented to the <b>International Stroke Conference 2020</b> (Los Angeles) and a paper is ready for submission in February 2020.
2020	I am co-investigator in a <b>Horizon 2020 Fast Track to Innovation</b> call submitted in February 2020 with other 4 international partners (Italy and Netherland). I will lead the health economics component of the development and evaluation of new home-based solutions to improve independence in patients with stroke.

### CANCER DIAGNOSIS AND TREATMENT

I am currently involved in several research projects and RCT exploring alternative interventions to diagnose or treat cancer.

Since 2009	Since 2009 I have been involved in the <b>economic evaluation of a Regional Italian Screening Programme</b> to diagnose and treat <b>colorectal cancer</b> . The results of the study have contributed to the subsequent roll-out of the screening programme. In the meantime I published the first paper to investigate the health related quality of life in patients undergoing colorectal screening ( <a href="#">Pizzo E, et al., Value in Health 2011</a> ). The results of the study have been presented internationally and published in several journals ( <a href="#">Matarese et al 2011</a> ; <a href="#">Pizzo et al, 2011</a> ; <a href="#">Pizzo et al 2010</a> ; <a href="#">Pizzo et al 2010</a> ). Since then I have been involved in the evaluation of technologies to diagnose and treat cancer.
Since 2017	In 2017 I have been collaborating with Prof Rossi at the Regional Institute of Oncology in Veneto, Italy to evaluate the costs of melanoma. We developed a model to assess the <b>cost-effectiveness of a melanoma screening program</b> using whole disease modelling to inform resource allocation within the National Health Service. A paper has been recently resubmitted with minor revision in the Journal of Medical Screening ( <a href="#">Buja et al. 2019</a> ).
April 2019-present	Currently Co-Investigator in a NIHR RfPB funded project comparing the cost-utility of Nephron Sparing Treatment ( <b>NEST</b> ) and TAU for <b>small renal masses</b> . I am also involved as Co-Investigator in another project exploring the <b>implementation of tumour biopsy for small renal masses</b> . A paper has been published ( <a href="#">Neves et al, 2019</a> ) and one is in progress. We also applied for a <b>NIHR PDG</b> to improve decision making in patients with Kidney cancer ( <b>IMPACT-KIT</b> ).
April 2019-present	Currently Co-Investigator in a NIHR RfPB funded project comparing the cost-utility of treating unresectable locally <b>advanced pancreas cancer (LAP-PIE)</b> with percutaneous irreversible electroporation after chemotherapy. The results of the study will inform a RCT.
May 2019 – present	Currently Co-Investigator in a NIHR HTA funded project ( <b>HIPEC</b> ) to investigate the cost-effectiveness of cytoreductive surgery with hyperthermic intraoperative peritoneal <b>chemotherapy</b> versus standard of care in people with peritoneal metastases from colorectal, ovarian or gastric origin.
Aug 2019-present	Currently Co-Investigator in a charity funded multi-centre RCT comparing <b>NeuroSAFE</b> Robot prostatectomy (RALP) to standard RALP to treat <b>prostate cancer</b> . I am also Co-Investigator in a grant to explore the feasibility of a RCT to compare videoendoscopic versus open radical inguinal lymphadectomy in patients with <b>penile cancer</b> .
January 2020	I am involved as Co-investigator in <b>TARGET-B</b> International RCT to compare targeted intra-operative radiotherapy boost with conventional external beam radiation boost after lumpectomy for <b>breast cancer</b> in women with high risk of local recurrence.
January 2020	In collaboration with colleagues at Imperial College London we submitted a NIHR HTA grant application on <b>CONVOLUTE</b> A randomised trial of standard versus reduced frequency of pembrolizumab for first-line patients with advanced non-small cell lung Cancer (NSCLC) utilising a novel multi-arm frequency-response optimisation design.

Since 2017	My expertise in economic evaluation in cancer diagnoses and treatment is now recognised internationally and I have been invited as <b>keynote speaker to several national and international oncology conferences</b> , including the Royal Society of Medicine Breast Cancer conference, the International Conference on Minimal Standards in Oncology (Padua), the European Society of Oncology Pharmacy (Brussels), the European Conference of Oncology Pharmacy (Nantes), the Pharmacoeconomics Summit in Saudi Arabia (the results of the summit led to a collaboration and a paper recently published on the topic ( <a href="#">Rahman Jazieh, et al 2019</a> ) and the NWZ European Society of Oncology Pharmacy in Hamburg.
<b>DEMENTIA</b>	
	I am currently working on several projects to investigate the cost-effectiveness of alternative interventions to manage dementia.
2014- completed	As part of the NIHR HTA multicentre trial on VALID – Valuing Active Life in Dementia, studying the cost-utility of community <b>occupational therapy in dementia (COTiD-UK)</b> versus usual care. HTA report submitted to NIHR and currently under review (Wenborn et al 2019), one paper submitted to Lancet (Wenborn et al 2019) and one main economic evaluation paper ready for submission (Pizzo et al, 2020).
2016- present	I am second <b>supervisor of a PhD</b> student (Thomas Stephens), who is investigating the quality of care in people with dementia. The submission of the thesis is planned beginning of 2020. A paper has been submitted and under review (Stephens et al., 2019).
<b>HEPATOLOGY</b>	
	I am currently working on several projects to investigate the cost-effectiveness of alternative interventions to diagnose or treat liver related conditions.
2018-2019	I have been collaborating with a team of hepatologists at UCL to explore alternative diagnostic pathways for <b>non-alcoholic fatty liver disease</b> . A paper was published in 2019 ( <a href="#">Srivastava A. et al 2019</a> ).
March 2019- present	I am currently leading a NIHR CLAHRC funded project to explore the cost-effectiveness of a <b>non-invasive screening strategy</b> (combined liver elastography and platelet count) compared to endoscopy in diagnosis of <b>varices</b> for patients with <b>liver cirrhosis</b> . An abstract has been presented at international conference (AIES 2019) and a paper is ready for submission in Hepatology (Pizzo, Tsochatzis et al 2020). The results of the study show that performing non-invasive screening could save a considerable amount of resources to the NHS, improving patients health outcomes. We are confident that the results will have an impact in changing clinical pathway.
2019	I have recently been asked to be part in a project led by Prof Rosenberg (NIHR funded) on the “Prospective evaluation of a primary care pathway in Camden and Islington for the detection of liver fibrosis in patients with alcohol use disorders” starting in 2020. A protocol of the study is under review for submission (Rhodes F, et al 2020 BMJ Open)
2019	Currently <b>Co-Investigator</b> in a NIHR funded RCT (PI Dr Garnett-UCL) to evaluate the effectiveness of the <b>alcohol reduction smartphone</b> app, Drink Less, for excessive drinkers in the UK.
2019	I’ve recently submitted a grant application (NIHR RfPB) as Co-Investigator (with Prof. N. Williams, Royal Free, UCL) to explore the feasibility of a RCT on daily remote <b>ischaemic conditioning prior to liver transplantation</b> .
<b>DIABETES PREVENTION</b>	
	I am currently working on several projects to investigate the cost-effectiveness of alternative interventions to prevent or treat diabetes and gestational diabetes.
2015- present	As part of the NIHR CLAHRC North Thames RPT role and in collaboration with LSE colleagues, I developed a model to estimate the cost-utility of alternative interventions (NDPP, Metformin and sugar tax) to prevent <b>T2 Diabetes</b> . A paper has been presented at several international conferences ( <a href="#">De Poli et al., 2019</a> ) and it is now ready for submission.
2017 - present	Currently Co-Investigator of 3 pilot RCTs (with Barts and Queen Mary University) exploring alternative interventions to prevent or manage <b>gestational diabetes</b> using myo-inositol supplements (EmMY), metformin (OMAHA) or Mediterranean diet (MERIT). The EmMY

trial is now completed and a report has been submitted and ready for publication. 1 papers has been published as part of EmMY ([Amaefule et al., 2019](#)) and one is ready for submission for OMAHA.

### MATERNITY

I am currently working on several projects to investigate the cost-effectiveness of interventions aimed at improving health outcomes during pregnancy and delivery

2009	I started my research exploring the determinants of variability in the rate of C-sections in Italy and I performed a <b>cost analysis of alternative types of birth delivery</b> (vaginal with and without epidural and C-section in emergency and election). I also explored new outcome measures to assess <b>mothers' health related quality of life</b> after birth. This was part of my PhD dissertation ( <a href="#">Pizzo, 2011</a> ; <a href="#">Pizzo, 2011</a> ).
2016	As part of a successful funding by NHS Litigation Authority (now NHS Resolution), I led the evaluation of an incentivisation scheme in support of Sign up to Safety and explored two major areas: <b>errors in maternity units and A&amp;E</b> . The report was published in 2016 ( <a href="#">Pizzo et al, 2017</a> ). The results have been used by commissioners to decide on future funding of similar interventions.
2016- present	Following the project I supervised a <b>PhD</b> student Chris Yau (Bristol University), who explored the <b>cost-utility of a training programme (PROMPT) to maternity units</b> staff to prevent maternity errors. 2 papers have been published ( <a href="#">Yau et al 2017</a> ; <a href="#">Yau et al, 2016</a> ) and passed his PhD VIVA in October 2019. The intervention has been successfully implemented and rolled out in several settings at national level.
2019	I am currently Co-Investigator in a grant application (NIHR RfPB) to explore the feasibility of running a RCT to evaluate the use of a safety bundle with foetal pillow (C-safe) to <b>prevent postpartum haemorrhage</b> in advanced labour caesarean section.
2020	In collaboration with Prof Fonagy (UCL) and colleagues in UCL, Imperial College and Liverpool, we submitted a <b>NIHR HTA</b> grant application to run a full multicentre RCT to investigate the effectiveness and cost-effectiveness of a new intervention “ <b>Circle of Security</b> ” in reducing symptoms of parental psychopathology and improving maternal sensitivity in the context of a specialist community perinatal mental health team.

### CHILDREN

2016	As part of a NSPCC funded project, we produced a report to investigate the life-time cost of <b>child maltreatment</b> on children. The report is currently available on the NSPCC website ( <a href="#">Conti et al, 2016</a> ) and will inform decision makers on potential intervention to avoid child maltreatment. 2 papers have been submitted and are currently under revision.
April 2019-present	Currently Co-Investigator in a NIHR RfPB funded project looking at the evaluation of early interventions for patients with <b>Down syndrome</b> . The work is in collaboration with Bristol University and I am the lead health economist.
April 2019 (3 years)	Currently methodological Expert of the <b>HTA expert group</b> in the <b>Connect4Children</b> pan-European Network for European Clinical Trials for Children. My role is to provide health economics advise on trial design specifically developed for children.

### OTHER areas of research

2016 - ongoing	As Co-Investigator of the project funded by Redbridge CCG, I am evaluating the economic impact of the <b>NHS 111/Urgent Care Patient Relationship Manager</b> . This project is in collaboration with Imperial College London and will produce a final report in 2019.
2016 - 2019	Currently Co-Investigator of the NIHR CLAHRC North Thames evaluation of GIRFT to improve health care outcomes in <b>orthopaedics</b> . The project will complete in 2019.
2019 - ongoing	Currently leading as Principal Investigator a UCL funded economic evaluation to investigate the cost of <b>trigeminal neuralgia</b> and the cost-effectiveness of alternative management interventions (surgery vs medical management).

## Teaching Career Summary

I have over a decade's extensive experience in teaching at undergraduate and postgraduate level, with a leading role in developing and delivering modules for BSc and MSc and also for Executive Education courses for senior clinicians and NHS researchers. Below is a summary of the teaching activities at UCL, in other London Universities and abroad.

### *Teaching activities at UCL*

<b>Date (AY)</b>	<b>Course/Module</b>	<b>Student/ audience</b>	<b>Role</b>
	<b>Health Economics and Economic Evaluation</b>		
2020 2019	BSc Population Health IEHC	Undergraduate Year 3	<b>Module lead</b>
2020	iBSc and MSc in Sport and Exercise Medicine	iBSc and MSc	Lecturer
2020	MSc Advanced Clinical Optometry & Ophthalmology	MSc (on-line course)	Lecturer
2020 2019	The Cost of Cancer to Society, Cancer in Society Module, BSc in Cancer Biomedicine and BSc Applied Medical Sciences (Institute of Cancer)	Year 1 MBBS	Session lead
2020 2019	The Cost of Cancer to Society and Decision Making. Cancer in Society Module, iBSc in Oncology (Institute of Cancer)	Year 4 Medical Students	Session lead
2015-2020	Executive education course in "Economic evaluation of healthcare" for the NIHR CLAHRC Academy & ARC (twice a year)	Executive education (senior clinicians, NHS staff)	Course lead
2018	"Evaluation of behavioural change intervention" Summer school- Centre for Behavioural Science	Executive education – NHS staff, professionals	Session lead
2018	BSc Population Health IEHC	BSc Year 3	<b>Module co-lead</b>
2018-2019	Core Concepts in Population Health MSc Population Health	MSc	Lecturer
2017-2018	Training course "Introduction to cost-effectiveness analysis for infectious disease"- Institute of Global Health	Executive education- NHS staff	Lecturer
2017-2018	MSc in Global Health and Development	MSc	Lecturer and examiner
2017-2019	Sexual health in low and middle-income countries module MSc Population Health and Global Health	MSc	Lecturer
2015-2019	Social Determinants of Health IEHC	MBBS	Lecturer

*Teaching activities outside UCL*

<b>Date</b>	<b>Course/Module - Health Economics</b>	<b>Student</b>	<b>Role</b>
2020 2021	MSc Population Health, Imperial College Business School	MSc MPH	<b>Module lead</b>
2020	MSc Population Health, Imperial College Business School	MSc MPH	<b>Module lead</b>
2017	MSc Health Economics, City University	MSc	External lecturer
2015-2020	MSc, PG Cert Genes, Drugs and Stem Cells – Imperial College London, Faculty of Medicine	MSc	External lecturer
2011 2017	MSc of Paediatrics and Child health, Imperial College, Faculty of Medicine	MSc	External lecturer
2015	Executive Education, London School of Economics	Executive education	External lecturer
2007-2019	“Systematic Literature Review” at the Social Research Methods Course; iBSc Medicine, Imperial College BS	Undergraduate	External lecturer
2020 2011-2016	iBSc and MSc and HM Health Economics Course, Imperial College Business School	iBS and MSc	Guest lecturer

*Teaching activities internationally*

<b>AYs</b>	<b>Course/Module Health Economics - HTA</b>	<b>Student</b>	<b>Role</b>
From 2017 to 2020	Lab HTA - MSc in Economics and Management of Healthcare Service, University of Venezia Ca’ Foscari, Italy (Italian)	MSc	<b>Module lead coordinator</b>
2020-21 2019-20	BSc in Economics and Business Administration, University of Padua, Italy (English)	Undergraduate	Module co-lead
2020-21 2019-20 2018-19	BSc Health Economics Cattolica University, Rome, Italy (English)	Undergraduate	External lecturer
2019-20	Executive Education, University of Bologna, Italy (Italian)	NHS staff, MD	External lecturer
2018-19	University of Bologna, Dep. of Neuroscience (Italian)	MDs & PhDs	External lecturer
2015	Summer School of Public Health, Menorca, Spain (English)	NHS staff	<b>Course lead</b>
From 2011 to 2015	MSc in Economics and Management of Healthcare service, University of Venezia Ca’ Foscari, Italy (Italian)	MSc	External lecturer
2011-12	MSc in Health Technology Assessment, University of Padua, Italy (Italian)	MSc	External lecturer

*External examiner activity*

<b>Date</b>	<b>Course/Module, University</b>	<b>Students</b>
2018-2020	MSc Health Economics and Data, UCL	MSc
2017	MSc in Health Economics, Groningen, Netherlands	MSc
2017	MSc in IEM, iBSc OB&HRM, Imperial College	MSc
2017	MSc in Health Economics, City University	MSc
2015	MSc in Economics and Management of Healthcare Service, Ca’ Foscari Venice, Italy	10 MSc

## Enterprise\External Engagement

Within my external engagement activity I am now a **nationally and internationally respected advisor**, both for clinical trial units and NIHR HTA commissioning boards. I have **extensive engagement** with NHS and LA organisation, charities and industry, presenting my research and starting new collaborations. I am also **Editorial Board Member** of a Journal and I provide **peer review** for several international journals and grant committees. I am **media relation expert** in Health Economics for UCL; **enterprise champion** for the Institute, have led or been involved in UCLC consultancy projects with industry, healthcare or policy organisations and charities and undertake engagement in the community focusing on schools.

Date	Role	Description
January 2019 - December 2021	<b>Expert Health Economist Advisor</b>	Health Economist Advisor for <b>SITU</b> , UCL.
April 2019 – March 2022	<b>HTA Methodological expert Connect4Children</b> pan-European clinical trial network	Methodological Expert of the <b>HTA expert group</b> in the <b>Connect4Children</b> pan-European Network for European Clinical Trials for Children. Advise on trial designs and attend meetings.
November 2019 - October 2023	Expert <b>commissioning panel</b> member NIHR	Health economics expert for the <b>NIHR HTA CET Funding Committee</b>
October 2019	Expert <b>commissioning panel</b> member Irish Health Research Board	Health economics expert for the Secondary Data Analysis Projects review panel, Health Research Board (HRB)
September 2018	Expert <b>commissioning panel</b> member Swiss National Foundation	Invited as expert panel member for the Swiss National Science Foundation to select research projects for funding
November 2017	Expert <b>commissioning panel</b> member	Invited as expert panel member for the <b>NIHR RfPB</b>
February 2019 (3 years)	<b>Editorial Board</b> Membership	International Journal of Health Economics and Policy
January 2019	<b>Engagement with NHS Innovation</b>	Presentation at the <b>NHS Innovation Acceleration</b> event UCLP
May 2018	<b>Engagement with Basildon &amp; Thurrock Hospitals NHS Foundation</b>	Presentation at the Research Open morning
December 2018	<b>Engagement with Saudi Arabia Minister of Health</b>	Invited Expert member of the <b>roundtable at the Saudi Arabia summit</b> in Alfaisal University to advise Minister of Health
December 2018	External engagement in <b>international HTA trials</b>	Invited to attend a clinical trial meeting organised by <b>Alcimed</b> in Paris as lead health economic expert (had to decline due to other commitment). Provided advice via teleconference.
November 2018	Engagement with <b>Elder Charity</b>	Meeting with Rebecca Watkins – <b>Elder</b> to provide advice on a project for carers
Since 2017-	<b>Engagement with public/students</b>	Member and volunteer for <b>Inspiring the Future</b> organisation, to enable schools and students to connect with work roles (I attended 3 meetings in primary and secondary schools)
May 2017 -	<b>Enterprise champion</b> for the Institute of Epidemiology, UCL	Role: Collect basic info on entrepreneurial activities (consultancy, IP, IP generation, licences, spin-out activities etc) for the Institute. Attend yearly meetings to exchange on procedures and results.
Since 2015	<b>Fundraising</b> activities for charities	I organise an yearly event for fundraising with: <ul style="list-style-type: none"> <li>- Cancer Research UK</li> <li>- Stroke Association</li> </ul>

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<b>Media activity</b>		
<b>Date</b>	<b>Role</b>	<b>Description</b>
Since March 2019	<b>Media Expert UCL</b>	UCL Media Relations Expert on Health Economics and HTA
July 2019	<b>Podcast for International Journal Stroke</b>	Podcast on my research on stroke published by the International Journal of Stroke. Available <a href="#">here</a>
September 2017	<b>Interview for Royal Society of Medicine</b>	Interview with the Royal Society of Medicine on the role of health economics in resource allocation for breast cancer (published on line)
September 2017	<b>Interview for Pink Ribbon</b>	Pink Ribbon on the role of HTA in cancer drug funding

### **Consultancy work**

<b>Date</b>	<b>Role</b>	<b>Description</b>
2019	Consultancy work PI-Leading 1 Research Associate (RA)	Cost utility analysis of surgery versus medical treatment in trigemina neuralgia. Prof Joanna M. Zakrzewska (UCL) (Total £5000)
2018	Consultancy work Co-PI Leading 3 Research Associates	Cost-utility analysis of NeuroResponse to manage UTI patients with Multiple Sclerosis. Neuroresponse Charity (Total £11,800)
2017	Consultancy work Leading 1 Researcher	Report on Public engagement on proposed changes to urgent care, North East Essex CCG (Total £6,000)
2016	Consultancy work	Long term costs of child maltreatment in UK NSPCC (Total £44,600)
2016	Consultancy work PI leading team of 8 researchers	Provision of Data Analysis and Economic Evaluation of the Incentivisation Scheme in support of Sign up to Safety on behalf of the NHS Litigation Authority; NHS LA (NHS Resolution) (Total £196,770)
2016	Consultancy work	Feasibility study to evaluate the Sign up to Safety; NHS LA (NHS Resolution) (Total £8,100)
2015	Consultancy work Leading 1 RA	Use of POCT in NHS Health Check – Alere (Total £1000)
2015	Consultancy work	Cost analysis of Tele-swallowing - HENCEL (Total £12,200)
2015	Consultancy work	London speech and language therapy workforce scoping project - HENCEL (Total £10,000)
Jan 2015 -	Registered consultant for UCLC	Registered consultant for University College London Consultant Ltd



## Institutional Citizenship

	<b>Role</b>	<b>Description</b>
June 2019-Feb 20	<b>Line Manager</b>	Line Manager of one Research Fellow (grade 7), DAHR, UCL
AY 2019-20	<b>NIHR Fellowship mentor</b>	Primary mentor to Dr Anna Barnes, NIHR Development and Skills Enhancement Award, UCL. Anna is a Clinical Senior Lecturer in Nuclear Medicine at UCL, recently awarded a NIHR funded Fellowship.
AY 2019-20	<b>NIHR ICA Programme Clinical Lectureship</b>	Secondary mentor to Dr Roganie Govender, NIHR ICA
AY 2019-20	<b>Erasmus traineeship tutoring</b>	Student tutor and mentor for the Erasmus and traineeship programme of Dr G. Gribaudo from Bologna University.
AY 2019-20	<b>Personal tutor</b>	Personal tutor for 2 UG students - BSc Population Health UCL Jamie Wang and Ikram Abdi
AY 2018-19	<b>Personal tutor</b>	Personal tutor for 1 UG student- BSc Population Health UCL Ayan Musa Ahmed
AY 2018-19	<b>MSc Examiner UCL</b>	<u>Examiner</u> for the MSc in Global Health and Development (IGH- UCL) (Marking of 3 MSc dissertations)
AY 2018-19	<b>MSc External Examiner</b>	<u>Member</u> of the examination panel for the MSc in Health Economics, University Ca' Foscari Venice, Italy (review and marking of 3 MSc dissertations)
AY 2017-18	<b>MSc External Examiner- President of panel</b>	<u>President</u> of the examination panel for the MSc in Health Economics, University Ca' Foscari Venice, Italy (Review and marking of 6 MSc dissertations).
AY 2017-18	<b>External Examiner</b>	External examiner of the MSc in Health Economics, City University.
AY 2014-15	<b>MSc External Examiner</b>	<u>Member</u> of the examination panel for the MSc in Health Economics, University Ca' Foscari Venice, Italy (Review and marking of 9 MSc dissertations)
AY 2016	<b>MSc External Examiner</b>	<u>External examiner</u> for the MSc dissertation in Economics, Department of Economics, University of Groningen, The Netherlands.
AY 2015	<b>MSc and BSc External Examiner</b>	<u>External examiner</u> for the MSc IEM and the JH/IBSc OB&HRM courses at Imperial College London
Since AY 2016	<b>Staff mentoring</b>	<ul style="list-style-type: none"> <li>- Mentoring and supporting junior and recent member of the NIHR CLAHRC RPT (they shadow me at key external meetings to learn how best to engage with external stakeholders). Support in research and administrative work;</li> <li>- DAHR Junior Health Economists: I am regularly supporting and advising junior members of the department in their research (e.g. drafting documents, solving research problems) and teaching activities (e.g. I have involved junior staff in my teaching activities/lectures so that they could gain experience or improve teaching skills; peer reviewed colleagues teaching); I have involved junior staff in consultancy projects and led their work (e.g. Dr T. Verhoef, Dr M. Melnychuk, Dr E. Barbosa, Mr N. Swart, Mrs N. Patel)</li> </ul>
AY 2016-19	<b>Shortlisting and Interviewing Panel member</b>	<ul style="list-style-type: none"> <li>- Prof Health Economics DAHR (2019)</li> <li>- 2 NIHR CLAHRC PhDs (2019)</li> <li>- 2 Research Associate Health Economist DAHR (2019)</li> <li>- NIHR CLAHRC RPT member of staff (2017)</li> <li>- 2 Health economist research associate DAHR (2016)</li> <li>- NIHR CLAHRC RPT member of staff (2016)</li> </ul>



<b>Date</b>	<b>Role</b>	<b>Description</b>
October 2019	<b>Deputy Lead of the Health Economics and Data HEAD theme NIHR ARC NT</b>	Deputy Lead of the Health Economics and Data (HEAD) for the NIHR ARC North Thames, London. Role: Build health economics collaborations across the Tri-ARC network (London, South West Peninsula, Yorkshire), including capacity building initiatives and methodological research to improve the usefulness of economic evidence for decision-makers and the economics of multi-sectoral working.
2014-present	<b>Referee activity</b>	European Journal of Health Economics, BMJ Open, British Journal of Cancer, Value in Health, Pharmacoeconomics, International Journal of Health Economics and Policy, Journal of Health Policy, Journal of Nervous and Mental Disease, Gastroenterology & Hepatology, British Journal of Dermatology, BMC Health Services Research, Therapeutics and Clinical Risk Management, Medicine, Politiche Sanitarie (Italian)
2014-present	<b>Conference referee</b>	- Referee for the Health Economics Study Group (HESG) Conference - Referee for the XVII “Spring Meeting of Young Economists”
Since 2016	<b>Conference organisation support</b>	2016 – Member of the organising committee of the HESG in Gran Canaria. Development of programme, engagement with speakers, logistics, abstract selection, chair of sessions.  2019 - Organiser of the “Health economics in translational research”, UCL with BRCs. Development of programme, engagement with speakers, speech.
2017-2019	<b>Organiser of the HEG-DAHR meetings</b>	Organiser of the DAHR Health Economics Group internal meetings. Role: organise and chair the meetings/seminars
Since 2017	<b>Athena Swan</b>	Member of the Athena Swan committee member DAHR, UCL. I regularly attend internal meetings at UCL.
Since 2015-present	<b>First Aider</b>	Certified British Red Cross First aider for DAHR, UCL.

## Five Most Significant Publications

Description	Journal Impact factor	Citations
<i>Stroke</i>		
<p><b>Pizzo, E.,</b> Dumba, M., Lobotesis, K. (2019). <a href="#">Cost-utility analysis of mechanical thrombectomy between 6 and 24 hours in acute ischemic stroke</a>. <i>Int J Stroke</i>, Feb 13: 1747493019830587. doi:10.1177/1747493019830587 (Cited in the NICE guidelines 2019).</p> <p><i>First seminal paper published showing that mechanical thrombectomy is cost-effective up to 24 hours from ischemic stroke and not only up to 6 hours. The paper has been included in the latest revision of NICE guidelines on stroke treatment. NICE evidence review 2019 (Stroke Update). Evidence review D: thrombectomy- Draft for consultation), and will contribute to change clinical practice across England.</i></p>	4.46	(NA)
<p>Ganesalingam J, <b>Pizzo E*</b>, Morris S, Sunderland T, Ames D, Lobotesis K. (2015) <a href="#">Cost-Utility Analysis of Mechanical Thrombectomy Using Stent Retrievers in Acute Ischemic Stroke</a>. <i>Stroke</i>. Sep;46(9):2591-8. doi: 10.1161/STROKEAHA.115.009396. Epub 2015 Aug 6.</p> <p>(* Ganesalingam and Pizzo are both first authors)</p> <p><i>First seminal paper published in the UK showing that mechanical thrombectomy is cost-effective in treating ischemic stroke when performed within 6 hours. The paper has been included in:</i></p> <ul style="list-style-type: none"> <li>- <i>the NHS England 2018 – <a href="#">Clinical Commissioning Policy on Mechanical Thrombectomy for Acute Ischaemic Stroke</a>.</i></li> <li>- <i>the NICE guidelines 2018. NICE – <a href="#">Mechanical thrombectomy devices for acute ischemic stroke</a>. Guidance MIB153. 30 July 2018.</i></li> <li>- <i>A Podcast has been released in July 2019: <a href="https://ijspodcasts.podbean.com/e/dr-elena-pizzo-on-the-cost-utility-analysis-of-mechanical-thrombectomy-between-6-and-24-hours-in-acute-ischemic-stroke/">https://ijspodcasts.podbean.com/e/dr-elena-pizzo-on-the-cost-utility-analysis-of-mechanical-thrombectomy-between-6-and-24-hours-in-acute-ischemic-stroke/</a></i></li> </ul>	6.6	77
<i>Quality of Life</i>		
<p>Yau, C., <b>Pizzo, E.</b>, Prajapati, C., Draycott, T., Lenguerrand, E. (2018). <a href="#">Obstetric brachial plexus injuries (OBPIs): health-related quality of life in affected adults and parents</a>. <i>Health and Quality of Life Outcomes</i>, 16 (1), 212. doi:10.1186/s12955-018-1039-z.</p> <p><i>First paper published in the UK investigating the quality of life of adults affected by OBPI and parents of children with OBPI. We also identified certain characteristics as possible factors to consider when dealing with utility scores in these cohorts. The utility scores in this study can be used in future economic evaluations related to OBPIs.</i></p>	3	NA
<p><b>Pizzo, E.</b>, Pezzoli, A., Stockbrugger, R., Bracci, E., Vagnoni, E., Gullini, S. (2011). <a href="#">Screening perception and health-related quality of life in colorectal cancer screening: A review</a>. <i>Value in Health</i>, 14 (1), 152-159. doi:10.1016/j.jval.2010.10.018</p> <p><i>A systematic review investigating the perception and quality of life of patients undergoing colorectal cancer screening.</i></p>	5.49	19

*Reorganisation of services*

Maben, J., Griffiths, P., Penfold, C., Simon, M., Anderson, J.E., Robert, G., <b>Pizzo E.</b> , ...Barlow, J. (2015). <a href="#">One size fits all? Mixed methods evaluation of the impact of 100% single-room accommodation on staff and patient experience, safety and costs.</a> <i>BMJ Quality &amp; Safety</i> , 25 (4), 241-256. doi:10.1136/bmjqs-2015-004265	7.2	58
<i>First paper published in the UK investigating the impact of changing hospital rooms from multiple to single accommodation.</i>		

**Full list of publications****Journal article published**

1. Panovska Griffiths J, Gomes M, **Pizzo E**, Colbourn T, Lorgelly P. Balancing lives and livelihoods: relaxation of lockdown needs to be finely balanced. The BMJ Opinion June 2020  
<https://blogs.bmj.com/bmj/2020/06/01/balancing-lives-and-livelihoods-in-post-covid-19-lockdown/>
2. Gurusamy K, Vale C, **Pizzo E**, Bhanot R, Davidson B, Mould T, Mughal M, Saunders M, Aziz O, O'Dwyer S. [Cytoreductive surgery \(CRS\) with hyperthermic intraoperative peritoneal chemotherapy \(HIPEC\) versus standard of care \(SoC\) in people with peritoneal metastases from colorectal, ovarian or gastric origin: protocol for a systematic review and individual participant data meta-analyses \(IPD\) of effectiveness and cost-effectiveness.](#) *BMJ Open* May 2020, 10(5) e039314. DOI: 10.1136/bmjopen-2020-039314
3. Amaefule CE, Bolou A, Drymoussi Z, Carreras JF, del Carmen Pardo Llorente M, Lanz D, Dodds J, Sweeney L, **Pizzo E**, Thangaratinam S,(2020). [Effectiveness and acceptability of metformin in preventing onset of type 2 diabetes after gestational diabetes in postnatal women: a protocol for a randomised, placebo-controlled, double-blind feasibility trial “Optimising health outcomes with Metformin to prevent diabetes After pregnancy” \(OMAhA\).](#) Accepted in *BMJ Open*, March 2020  
<https://bmjopen.bmj.com/content/10/5/e036198>
4. Freriks R., Luijckx, Buskens, **Pizzo E** et al (2020). [Centralising Acute Stroke Care within Clinical Practice in the Netherlands: Lower bounds of the casual impact.](#) *BMC Medical Research Methodology* 20 (103). <http://dx.doi.org/10.1186/s12913-020-4959-3>
5. Buja, A., Rivera, M., Girardi, G., Vecchiato, A., Rebba, V., Pizzo, E., ... Rossi, R. (2019). [Cost-effectiveness of a melanoma screening programme using whole disease modelling.](#) *Journal of Medical Screening.* Doi:10.1177/0969141319885998.
6. Srivastava, A., Jong, S., Gola, A., Gailer, R., Morgan, S., Sennet, K., . . . Rosenberg, W. (2019). [Cost-comparison analysis of FIB-4, ELF and fibroscan in community pathways for non-alcoholic fatty liver disease.](#) *BMC Gastroenterology.* doi:10.1186/s12876-019-1039-4.
7. Pizzo, E., Dumba, M., Lobotesis, K. (2019). [Cost-utility analysis of mechanical thrombectomy between 6 and 24 hours in acute ischemic stroke.](#) *Int J Stroke*, 1747493019830587. doi:10.1177/1747493019830587
8. Rahman Jazieh, A., Pizzo, E., Gulacsi, L., Eldahiyat, F., Abu-Helalah, M., Ibrahim, N., . . . Cornes, P. (2019). [Implementation of Country-Wide Pharmacoeconomic Principles in Cancer Care in Developing Countries: Expert based recommendations.](#) *Global Journal on Quality and Safety in Healthcare.*
9. Neves, J., Cullen, D., Lee, G., Walkden, M., Bandula, S., Patki, P., . . . Tran, M. (2019). [Protocol for a feasibility study of a cohort embedded randomised controlled trial comparing NEphron Sparing Treatment \(NEST\) for small renal masses.](#) *BMJ Open.* doi:10.1136/bmjopen-2019-030965
10. Halai, T., Pizzo, E., Jonathan, S., Ashish, P., & Eyeson, J. (2019). [A cost analysis of non-surgical extractions in primary versus secondary care.](#) *FDJ,10(1).* doi:10.1308/rcfdj.2019.14
11. Amaefule, C.E., Drymoussi, Z., Dodds, J., Sweeney, L., Pizzo, E., Daru, J., ...Myers, J. (2018). [Effectiveness and acceptability of myo-inositol nutritional supplement in the prevention of gestational diabetes \(EMmY\): a protocol for a randomised, placebo-controlled, double-blind pilot trial.](#) *BMJ Open*, 8 (9), e022831. doi:10.1136/bmjopen-2018-022831
12. Yau, C., Pizzo, E., Prajapati, C., Draycott, T., Lenguerrand, E. (2018). [Obstetric brachial plexus injuries \(OBPIs\): health-related quality of life in affected adults and parents.](#) *Health and Quality of Life Outcomes*, 16 (1), 212. doi:10.1186/s12955-018-1039-z.

13. El-Osta, A., Woringer, M., Pizzo, E., Verhoef, T., Dickie, C., Ni, M., ...Majeed, A. (2017). [Does use of point of care testing improve cost effectiveness of the NHS Health Checks programme in the primary care setting? A cost minimisation analysis.](#) *BMJ Open*, doi:10.1136/bmjopen-2016-015494
14. Rojas-García, A., Turner, S., Pizzo, E., Hudson, E., Thomas, J., Raine, R. (2017). [Impact and experiences of delayed discharge: A mixed-studies systematic review.](#) *Health expectations*.doi:10.1111/hex.12619
15. Barratt, H.S., Turner, S., Hutchings, A., Pizzo, E., Hudson, E., Briggs, T., ...Gikas, P. (2017). [Mixed methods evaluation of the Getting it Right First Time programme - improvements to NHS orthopaedic care in England: study protocol.](#) *BMC Health Services Research*, doi:10.1186/s12913-017-2012-y
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