

**Supplementary material 2: included studies complete data**

Study ID	Title	Reviewer Name	Study ID2	Year of publication	Impact factor	Geographical scale	Justification for choice of Delphi method used?	Definition of Consensus before undertaking the study?	Delphi type	Mode of EXPERT meeting	Research question (asked to participants)	Number of Delphi rounds	Funding
Weber 2020	Knowledge gaps in oncoplastic breast surgery	Consensus	Weber 2020	2020	54.433	International	Other: No	Yes	Other: Standard Delphi	In-person	Both answers are variations of the same question. In text: "to assess the importance of these previously identified knowledge gaps (in oncoplastic breast surgery). Importance was defined as ..."	2	Yes
Sadideen 2020	Consensus research priorities for "Brazilian Butt Lift" (BBL) in the UK: A BAAPS-led Delphi survey of expert clinicians and researchers	Consensus	Sadideen 2020	2020	3.022	National	No	Yes	Modified Delphi	In-person; Electronic	To discuss and assess the necessary steps to ensure the Brazilian Butt Lift (BBL) procedure is only performed once its safety has been reconfirmed in the UK.  What aspects are deemed most important in guiding the research output that needs to be conducted to map out the future work/agenda for the taskforce?	2	No
Kanapathy 2022	Priority setting in breast reconstructive surgery: A DELPHI consensus	Consensus	Kanapathy 2022	2022	3.022	National	No	Yes	Modified Delphi	Not specified	We are interested in your views on the direction research or investigation should take in the treatment, care or support for breast reconstructive surgery  Q1. What questions, if any, about the pre-operative stage (before surgery) of breast reconstructive (e.g. consultation, consenting, medication, smoking, etc...)  Q2. What question(s), if any about the breast reconstructive procedures would you like to see answered by research (e.g. treatment options, techniques, investigation, cost, benefits of treatment, devices, dressings etc..)  Q3. What question(s), if any, about post-operative complications would you like to see answered by research (e.g. monitoring, treatment related complications, revision surgery, antibiotics, pain post op, nutrition, etc)  Q4. What question(s), if any, about outcome of breast reconstructive surgery would you like to see answered by research (e.g. quality of life, duration of wound healing, recovery, etc)  Q5. What question(s), if any, about care and support of patients undergoing breast reconstructive surgery would you like to see answered by research (e.g. physiotherapy, psychology, counselling, follow up, self-care, etc)  Q6. Please use this space for any additional comments you would like to make or to tell us why you feel your questions are important. Please write your comments in the box below.	3	No
Henderson 2018	Use of a modified BAPRAS Delphi process for research priority setting in Plastic Surgery in the UK	Consensus	Henderson 2018	2018	3.022	National	Yes	No	Modified Delphi	Not specified	Which areas of Plastic, Aesthetic and Reconstructive surgery do you feel are priorities for further research?	2	No
Hamlet 2018	Consensus research priorities for facial palsy: A Delphi survey of patients, carers, clinicians and researchers	Consensus	Hamlet 2018	2018	3.022	National	Yes	Yes	Modified Delphi	Not specified	"What are the research priorities for facial palsy,"	3	Yes
Gibran 2021	Developing a National Trauma Research Action Plan (NTRAP): Results from the Burn Research Gap Delphi Survey	Consensus	Gibran 2021	2021	3.697	National	Other: Yes	Yes	Standard Delphi	Electronic	"For each topic (of the topics presented by the expert group), is there a research gap in this area? If so, provide at least one and up to 5 research questions"	4	Yes
Cowman 2012	An international eDelphi study identifying the research and education priorities in wound management and tissue repair	Consensus	Cowman 2012	2012	4.423	International	Yes	No	Standard Delphi	Not specified	To determine "the research and education priorities for wound healing and tissue repair"	4	Yes

Area of plastics specialisation	Number of experts in steering group/committee	Types of experts involved in EXPERT group	Types of stakeholders involved NOT in the EXPERT group	Number of uncertainties/priorities, per stage:	uncertainties/priorities Round 1	uncertainties/priorities Round 2	uncertainties/priorities Round 3	uncertainties/priorities Round 4	uncertainties/priorities Round 5	Number of stakeholders at each stage:	Stakeholders Round 1
Malignancies of Skin & Soft Tissue; Aesthetic; Breast Reconstruction	7	Doctors	Doctor; Patients		38	38	15	N/A			238 (212 surgeons + 26 patients)
Aesthetic	Not specified	Doctors	Nurses; Allied health; Patients			11	11	3			8
Breast Reconstruction	8	Doctors; Nurses; Patients	Allied health		86	40			10		100
Surgical Sciences; Principles & Techniques; Malignancies of Skin & Soft Tissue; Other Skin & Soft Tissue; Burn & Cold Injury; Aesthetic; Craniomaxillofacial; Head & Neck; Breast Reconstruction; Chest, Trunk & Perineum; Lower Limb Trauma & Reconstruction; Communication; Teamwork & Collaboration; Management & Leadership; Health Advocacy; Scholarship and Teaching; Professionalism & Ethics; Paediatrics; Microsurgery	Not specified	Doctors	Doctor		127	10	N/A	N/A	10		66
Aesthetic; Craniomaxillofacial	85	Doctors; Allied health; Patients; Other: Carers			274	45	42	N/A	36		85
Burn & Cold Injury	31	Doctors; Nurses; Patients			949	597	597	25			31
Other Skin & Soft Tissue	8	Doctors; Nurses; Allied health; Other: podiatry, academia, microbiologists, health economics, dietetics, health research	Doctor; Allied health; Patients		2764	65	65	20	N/A		360

Stakeholders Round 2	Stakeholders Round 3	Stakeholders Round 4	Stakeholders Round 5	What was the implementation or dissemination plan for the results?
190 (170 surgeons + 20 patients)	63 (consensus panel)	N/A	N/A	Both correct. One is the dissemination plan (GS), one is the implementation plan (SG)
7	N/A	N/A	N/A	publication in pay-walled journal - JPRAS (probably NO peer review due to being a correspondence letter) Implementation plan: to set research priorities for safe BBL surgery in UK
24	N/A	N/A	N/A	Dissemination plan: published in JPRAS Implementation plan: research priority list to guide high-quality future research
85	N/A	N/A	N/A	Dissemination plan: published in JPRAS Implementation plan: to guide BAPRAS research funding allocation
72	78	N/A	N/A	Dissemination plan: published in JPRAS Implementation plan: to focus future research agendas
31			N/A	publication in pay-walled, peer-reviewed journal AND contributing the the National Trauma Research Action Plan (NTRAP) on behalf of the Coalition for National Trauma Research (CNTR)
162	80	N/A	N/A	sent to participants AND publication in peer-reviewed, paywalled journal