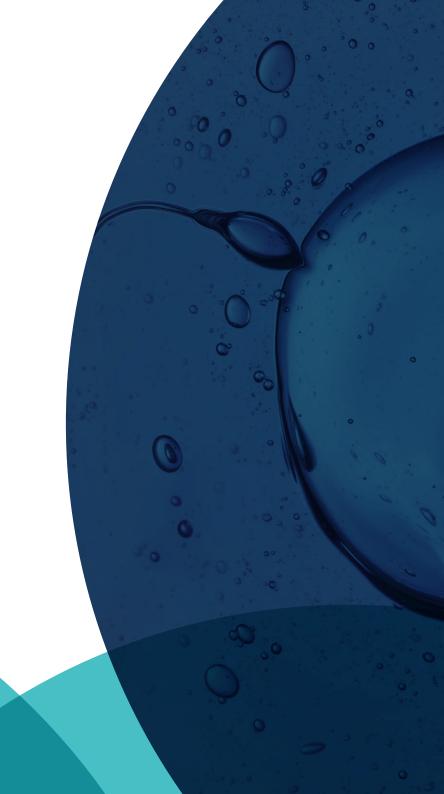
Priority Setting Partnership for Infertility

What should infertility research focus on next?

Our partnership has brought together healthcare professionals, people with fertility problems, and others to set future priorities for infertility research.



Chairs



Dr James M. N. DuffyBalliol College, University of Oxford,
United Kingdom



Prof. Cindy FarquharCochrane Gynaecology and Fertility,
University of Auckland, New Zealand

Steering Group

G. David Adamson ARC Fertility, United States

Siladitya Bhattacharya

University of Aberdeen, United Kingdom Human Reproduction Open

Sohinee Bhattacharya

University of Aberdeen, United Kingdom

Magdalena Bofill

University of Auckland, New Zealand

Kate Brian

Women's Voices, Royal College of Obstetricians and Gynaecologists, United Kingdom

Barbara Collura

RESOLVE: The National Infertility Association, Untied States

Cate Curtis

Fertility NZ, New Zealand University of Waikato, New Zealand

Leona Dann

Health Quality and Safety Commission, New Zealand

Johannes L.H. Evers

University Medical Centre Maastricht, The Netherlands

Human Reproduction

Roy G. Farquharson

Liverpool Women's NHS Foundation Trust, United Kingdom

Anita Fincham

Fertility Europe, Poland

Sebastian Franik

Münster University Hospital, Germany

Linda C. Giudice

International Federation of Fertility Societies

Elizabeth Glanville

Auckland District Health Board, New Zealand

Martha Hickey

University of Melbourne, Australia

Andrew Horne

University of Edinburgh, United Kingdom

M. Louise Hull

University of Adelaide, Australia

Neil P. Johnson

University of Adelaide, Australia

Vanessa Jordan

University of Auckland, New Zealand

Yakoub Khalaf

Kings College London, United Kingdom

José Kniinenbura

Freya, The Netherlands

Richard S. Legro

Penn State College of Medicine, United States

Sarah Lensen

University of Auckland, New Zealand

Jeanette MacKenzie

Fertility Plus, New Zealand

Ben W. Mol

Monash University, Australia

Dean Morbeck

Fertility Associates, New Zealand

Helen Nagels

University of Auckland, New Zealand

Ernst H.Y. Ng

University of Hong Kong, Hong Kong

Craig Niederberger

University of Illinois at Chicago,

United States

Fertility and Sterility

Anne-Sophie Otter

Osakidetza OSI, Spain

Lucian Puscasiu

University of Medicine, Pharmacy, Science and Technology Targu Mures, Romania

Satu Rautakallio-Hokkanen

Fertility Europe, Finland

Sjoerd Repping

Amsterdam University Medical Centers, The Netherlands

Lvnn Sadler

University of Auckland, New Zealand

Marian Showell

University of Auckland, New Zealand

Jane Stewart

British Fertility Society, United Kingdom

Annika Strandell

Sahlgrenska University Hospital, Sweden

Catherine Strawbridge

Fertility Network UK, United Kingdom

Helen L. Torrance

University Medical Centre Utrecht, The Netherlands

Andv Vail

University of Manchester, United Kingdom

Melissa Vercoe

University of Auckland, New Zealand

Thi Ngoc Lan Vương

University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam

Alex Y. Wand

University of Technology Sydney, Australia

Rui Wang

University of Adelaide, Australia

Madelon van Wely

Amsterdam University Medical Centers,

The Netherlands

Jack Wilkinson

University of Manchester, United Kingdom

Karina Wong

Fertility NZ, New Zealand

Tze Yoong Wong

Auckland District Health Board,

New Zealand

Mohamed A. Youssef

Cairo University, Egypt

Funders







What should infertility research focus on next?

Reproductive medicine helps to assist people with fertility problems to become parents. Unfortunately, despite the escalation in research activity and an exponential rise in published research, many of the fundamental questions about the treatment of infertility remain. This is a barrier to improving the care people with fertility problems receive.

Our Priority Setting Partnership has brought healthcare professionals, people with fertility problems, and others together to set future priorities for infertility research. We have engaged in an open and transparent process, using robust consensus development methods advocated by the James Lind Alliance.

Over 700 people from 53 countries participated in our partnership. With their help we have prioritised the top ten research uncertainties for male infertility, female and unexplained infertility, medically assisted reproduction, and ethics, access, and organisation of care.

We anticipate that this prioritised list of research uncertainties, developed to specifically highlight the most pressing clinical needs as perceived by healthcare professionals, people with fertility problems, and others will help funding organisations and researchers to set their future research priorities.

We are drowning in research that is singularly lacking in impact. Our approach should ensure future research has the necessary reach and relevance to inform future clinical practice and improve patient outcomes.

Dr James M. N. Duffy

Balliol College, University of Oxford, United Kingdom

Prof. Cindy Farquhar

Cochrane Gynaecology and Fertility, University of Auckland, New Zealand



Our consensus building methods

01. Gathering research questions

We conducted an initial survey asking healthcare professionals, people with fertility problems, and others what questions they wanted future research to answer. We promoted the survey across our partner organisations and social media to ensure we reached a diverse range of people with different perspectives.

179 healthcare professionals, 153 people with fertility problems, and 56 others, from 40 countries, responded to the initial survey and submitted 423 potential research questions.

We also reviewed 14 clinical practice guidelines and 162 Cochrane systematic reviews and identified a further 236 potential research questions.

179 healthcare professionals153 people with fertility problems56 others40 countries

02. Prioritising research questions

We conducted an interim prioritisation survey asking healthcare professionals, people with fertility problems, and others to prioritise a rationalised list of 231 research questions. The survey was promoted across our partner organisations and social media.

Survey respondents were asked to select their top five research questions for male infertility, female and unexplained infertility, medically assisted reproduction, and ethics, access, and organisation of care.

143 healthcare professionals, 119 people with fertility problems, and 55 others, from 43 countries, responded to the interim prioritisation survey. Based on their feedback, 15 research questions were prioritised for male infertility, female and unexplained infertility, medically assisted reproduction, and ethics, access, and organisation of care.

143 healthcare professionals119 people with fertility problems55 others43 countries

Our consensus building methods

03. Consensus development conference

Prioritised research questions were discussed in a consensus development conference held in Auckland, New Zealand.

Using the formal consensus development methods, 19 healthcare professionals, 14 people with fertility problems, and eight others, from 11 countries, prioritised the top ten research uncertainties for male infertility, female and unexplained infertility, medically assisted reproduction, and ethics, access, and organisation of care.

19 healthcare professionals

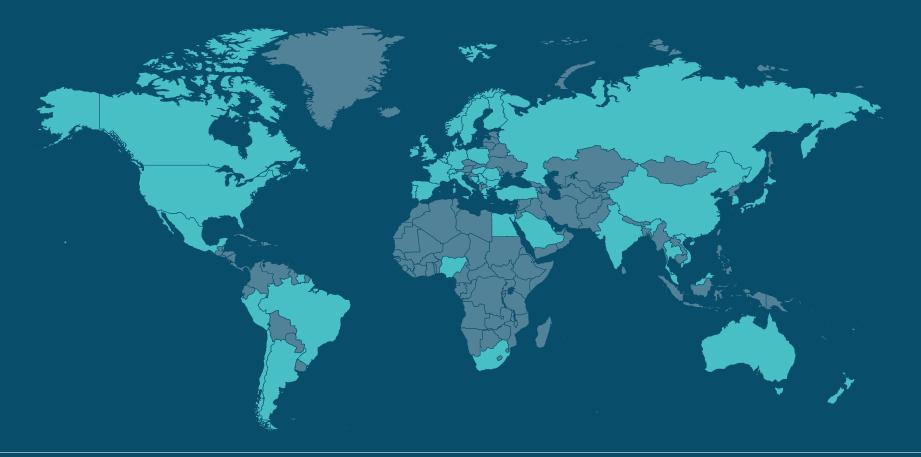
14 people with fertility problems

8 others

11 countries



Our international reach



- Argentina
- Australia
- Belgium
- Bosnia and Herzegovina
- Brazil
- Bulgaria
- Canada
- Chile
- China

- Denmark
- Ecuador
- Egypt
- Finland
- Finland
- France
- Germany
- Greece
- Hong Kong
- Hungary

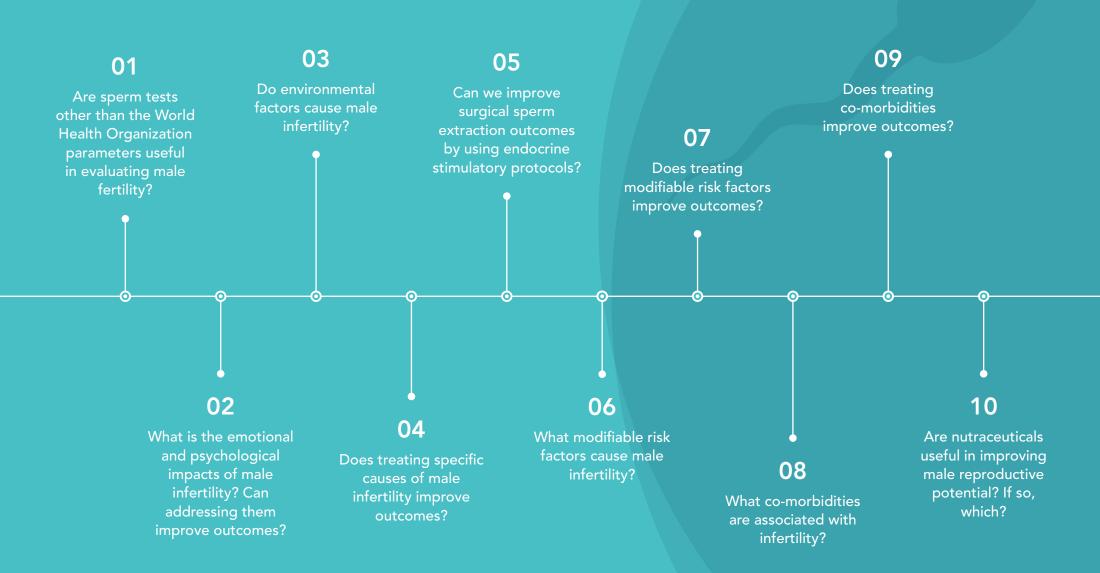
- India
- Iran
- Ireland
- Israel
- Italy
- Japan
- Malaysia
- Malta
- Mexico

- Montenegro
- New Zealand
- Nigeria
- Norway
- Peru
- Poland
- Portugal
- Qatar
- Republic of Korea

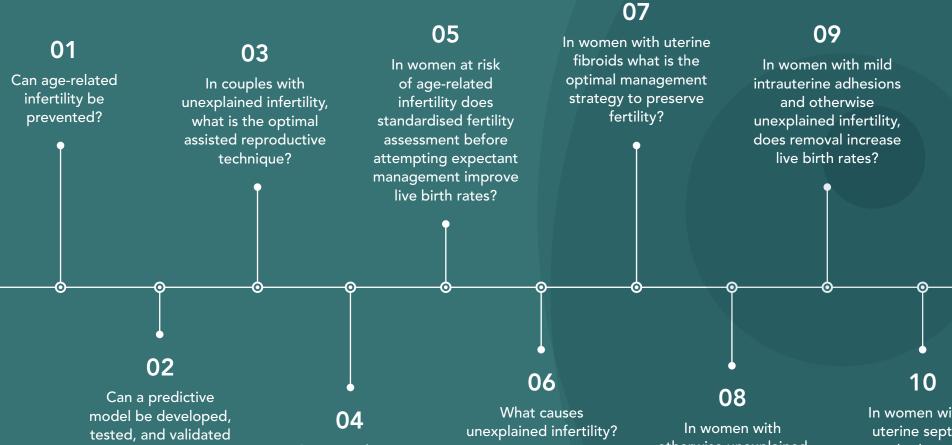
- Romania
- Russia
- Saudi Arabia
- Serbia
- South Africa
- South Korea
- Spain
- Suriname
- Sweden

- Switzerland
- Thailand
- The Netherlands
- Turkey
- Tuvalu
- United Kingdom
- United States of America
- Vietnam

Top ten male infertility research uncertainties



Top ten female and unexplained infertility research uncertainties



can a predictive model be developed, tested, and validated to compare the outcomes of different management strategies for couples with unexplained infertility?

Can a predictive model for fertility based upon ovarian reserve tests be developed, tested, and validated? otherwise unexplained infertility does hysteroscopic removal of an endometrial polyp increase live birth rates?

In women with a uterine septum and otherwise unexplained infertility does hysteroscopic resection increase live birth rates?

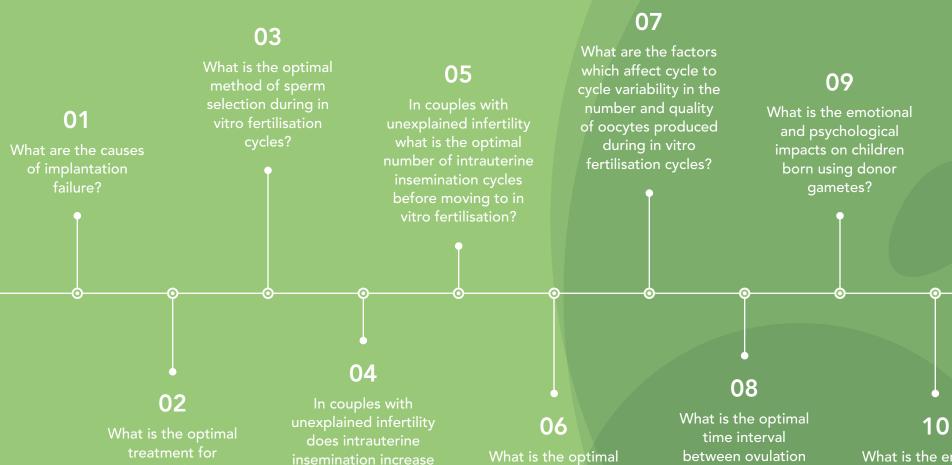
women who are

undergoing in vitro

fertilisation to increase

live birth rates?

Top ten medically assisted reproduction research uncertainties



live birth rates when

compared with other

in vitro fertilisation?

method of embryo

selection during in

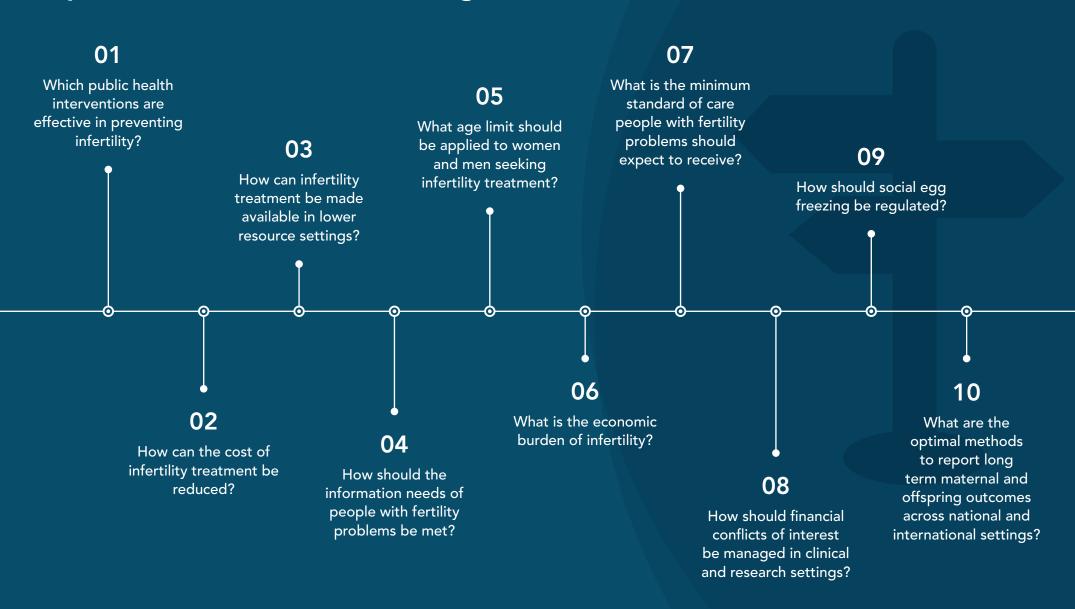
vitro fertilisation

What is the emotional and psychological impacts of repeated fertility treatment failure?

and intrauterine

insemination?

Top ten ethics, access, and organisation of care research uncertainties



Social media tiles

Top 10 research priorities for male infertility

4. Does treating specific causes of male infertility improve outcomes?

@FertilityTop10

Priority Setting Partnership for Infertility

Top 10 research priorities for female and unexplained infertility

1. Can age-related infertility be prevented?

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Top 10 research priorities for medically assisted reproduction

10. What is the emotional and psychological impacts of repeated fertility treatment failure?

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Top 10 research priorities for ethics, access, and organisation of care

2. How can the cost of infertility treatment be reduced?

@FertilityTop10

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Dr James M. N. DuffyBalliol College, University of Oxford,
United Kingdom

james.duffy@phc.ox.ac.uk @jamesmnduffy **Prof. Cindy Farquhar**

Cochrane Gynaecology and Fertility, University of Auckland, New Zealand

c.farquhar@auckland.ac.nz @cindyfarquharnz