

# Research Priorities in Infertility and Assisted Reproductive Technology Treatments - A James Lind Alliance Priority Setting Partnership with Brazilian Patients

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7365546/>

## For which topic were research priorities identified?

infertility and assisted reproductive technology treatment

## In which location was the research priority setting conducted?

South America - Brazil

## Why was it conducted at all?

Infertility - a condition affecting over 50 million people worldwide and approximately 8 million couples in Brazil (IBGE, 2010) - is the inability of a sexually active, non-contracepting couple, to achieve pregnancy in one year (WHO, 2019). Despite global research on the development new drugs, techniques, and devices for assisted reproduction technology (ART) procedures to improve therapy success rates, the diagnosis and clinical treatments prescribed to treat infertility and reproductive disorders usually lead to emotional distress and anxiety in patients (Gdańska et al., 2017). The last decade saw an increase in the involvement of patients in the definition of research topic priorities in fields in which they participate as the subjects of interest. There is a growing concern that research funds have been spent to cater to the interests of healthcare providers, caregivers, or the academia rather than to the needs of patients (JLA, 2019). A mismatch between what is considered a research priority for patients or healthcare providers is common in many fields of medicine (Crowe et al., 2015).

## What was the objective?

to identify the main research interests of Brazilian patients in the field of infertility and assisted reproductive technology treatments

## What was the outcome?

a ranking list of 10 research topics

## How long did the research prioritization take?

No information provided.

## Which methods were used to identify research priorities?

survey

## How were the priorities for research identified exactly?

Step 1: survey: patients asked for research priorities in open-ended question. Step 2: data processing: thematic analysis

## Which stakeholders took part?

Patients. 227 participants.

## How were stakeholders recruited?

Participants were recruited as patients attending five fertility centers for either appointments or clinical ART procedures.

## Were stakeholders actively involved or did they just participate?

Stakeholders were mere participants of the research prioritization process; they were not actively involved in the process.