

.....shaping **future** research in **multiple**  
pregnancy

# GLOBAL

## Priority Setting

## Partnership for

# TWINS

## & MULTIPLE PREGNANCY



Over the last **40 years**,  
the incidence of **multiple  
pregnancy** has risen  
dramatically<sup>1</sup>

**Multiple pregnancy** poses a unique **challenge** for families, healthcare professionals and society in general, and they are **disproportionately** represented in **stillbirths**<sup>2,3</sup>, **neonatal deaths**<sup>4</sup> and **cerebral palsy**<sup>5</sup>.

**GLOBAL  
PSP**

The **Priority Setting Partnership (PSP)** for multiples was formed with the long-term aim to **reduce mortality and morbidity in multiples** and to improve long-term health outcomes for multiples and their families.

The **PSP** was led collaboratively by a working group which comprised members of the **Twins And Multiple Births Association (TAMBA)**, UK, **Twins Research Australia**, and St George's University, UK

## ▼ Initiation

Formation of steering group - 13 countries  
17 Professional & 6 Parent organisations

## ▼ Consultation

Initial Survey and guideline search  
2928 questions identified

## ▼ Collation

Processing of questions  
89 quantitative questions identified

## ▼ Prioritisation

Second Survey - 528 participants  
Top 10 quantitative research questions identified

PSP  
PROCESS

**1120** respondents

**31** different countries

**Wide** age range

## Stakeholders

Multiples, **Parents of Multiples**

**Fetal Medicine specialists**

**Midwives** Dietitians, **Neonatal**

**nurses**, Neonatologists,

**Paediatricians**, Obstetricians,

Psychologists

+ more

# Global Twins & Multiples PSP

Top  
10

Would staff with specialist training improve pregnancy outcomes?

How can we prevent postnatal mental-health problems?

Short and long term outcomes and effect of antenatal events/interventions?

How can we assess the growth of infant multiples?

What are the short and long term maternal health risks?

How can we reduce admissions and length of stay in neonatal units?

How can we prevent maternal complications?

How do we optimally manage higher-order multiple pregnancies?

What parental interventions can improve developmental outcomes?

Which prenatal factors have the most benefit for parents and their children?



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