## Bringing science to life

## Spotlight on... Infertility

The failure to achieve a pregnancy after 12 months or more of regular unprotected sexual intercourse<sup>1</sup>



couples around the globe experience infertility<sup>1</sup>

The global fertility rate is declining...<sup>2</sup>

Average number of births per woman

...and is predicted to continue falling<sup>2</sup>



1990

2019

2100



## **Causes of infertility**



- Ovarian disorders¹
- ▶ Uterine abnormalities¹
- Fallopian tube damage or blockage<sup>1</sup>
- ▶ Hormone imbalance¹

- ▶ Abnormal sperm function¹
- ▶ Problems with the delivery of sperm¹
- Damage or injury to the reproductive organs<sup>1,3</sup>
- ▶ Hormone imbalance¹

Environmental and lifestyle factors may also contribute to infertility in both sexes<sup>1</sup>



Chemical exposure<sup>3</sup>



Cancer therapy<sup>1,3</sup>



Smoking<sup>1,3</sup>



Stress<sup>3</sup>



Heart disease<sup>3</sup>



Sexually transmitted infections<sup>1,3</sup>

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