

## **OVERVIEW**

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### **Update on polar body testing for detection of female meiotic errors**

With improvements in blastocyst culture and the development of a minimally invasive method for laser assisted excision of small numbers of trophoctoderm cells, blastocyst biopsy is being used increasingly for both preimplantation genetic diagnosis (PGD) and preimplantation genetic screening (PGS) for aneuploidy. Nevertheless, polar body biopsy is also minimally invasive and has the advantage that female meiotic errors, a major cause of aneuploidy in later pregnancy, can be identified specifically. The various methods for detecting aneuploidy and the possible applications of polar body testing will be reviewed.