

## **Fetoscopy-guided bipolar cord coagulation in selective fetal reduction**

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### **Objective**

To assess the feasibility of fetoscopy-guided bipolar umbilical cord coagulation for selective fetal reduction in complicated monochorionic diamniotic (MCDA) twin pregnancies.

### **Methods**

MCDA twins undergoing fetoscopy-guided bipolar cord coagulation (BCC) were enrolled prospectively between December 2015 to December 2021 in a fetal medicine center.

### **Results**

Thirty-nine cases undergoing fetoscopy-guided BCC were finally analyzed, including 19 cases for type 2 selective intrauterine growth restriction, 5 cases for twin–twin transfusion syndrome, 2 cases for Twin Reversed Arterial Perfusion Sequence and 13 cases for a severe discordant anomaly. The overall survival rate was 79.5% (31/39).

### **Conclusion**

Fetoscopy-guided BCC is effective for selective fetal reduction in complicated monochorionic twin pregnancies.