DSDs represent a diverse group of clinical conditions with a very wide phenotypic/genotypic spectrum. They are considered among the most common birth defects and are frequently associated with congenital abnormalities.

**Objective**

Using advanced cytogenetic techniques like ACGH in cases of DSD with multiple congenital anomalies for proper diagnosis and counseling.

**Introduction**

Using advanced cytogenetic techniques like ACGH in cases of DSD with multiple congenital anomalies for proper diagnosis and counseling.

**Patients and methods**

**Presentation**

- 46,XY 26
- 46,XX 15
- 49,XXXXY 3
- 47,XXY 2
- 47,XXX 3

**Conclusions**

- The study emphasizes the crucial need for advanced diagnostic techniques in patients with DSD
- Improving the diagnostic strategy of such complicated disorders will be reflected on the patients and their families regarding possible therapeutic interventions, prenatal diagnosis and genetic counseling.