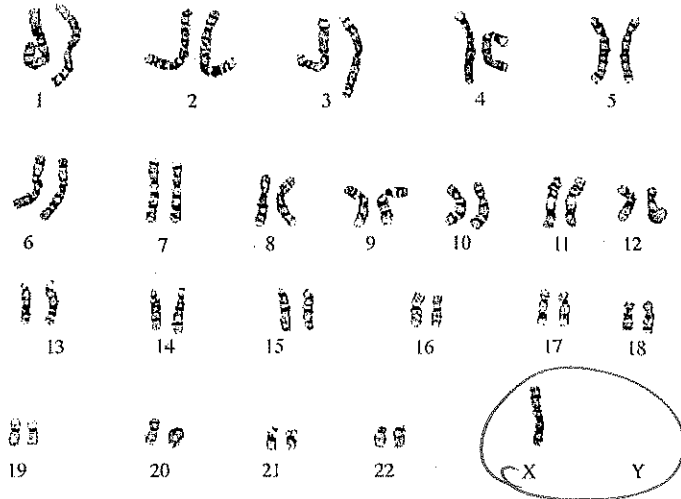


Karyotype Practice

Key

ZWK99001 KEY



Total # Chromosomes = 45
autosomes = 44
#sex chromosomes = 1

Is this person male or female?

Female (no Y)

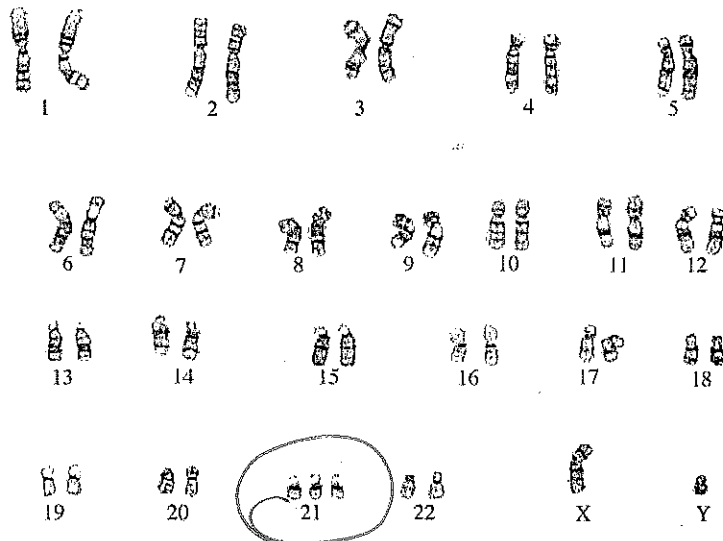
What disorder do they have?

Turner syn.
(monosomy X)

How can you tell?

one X chrom.

ZWK99024 KEY



Total # Chromosomes = 47
autosomes = 45
#sex chromosomes = 2

Is this person male or female?

male (XY)

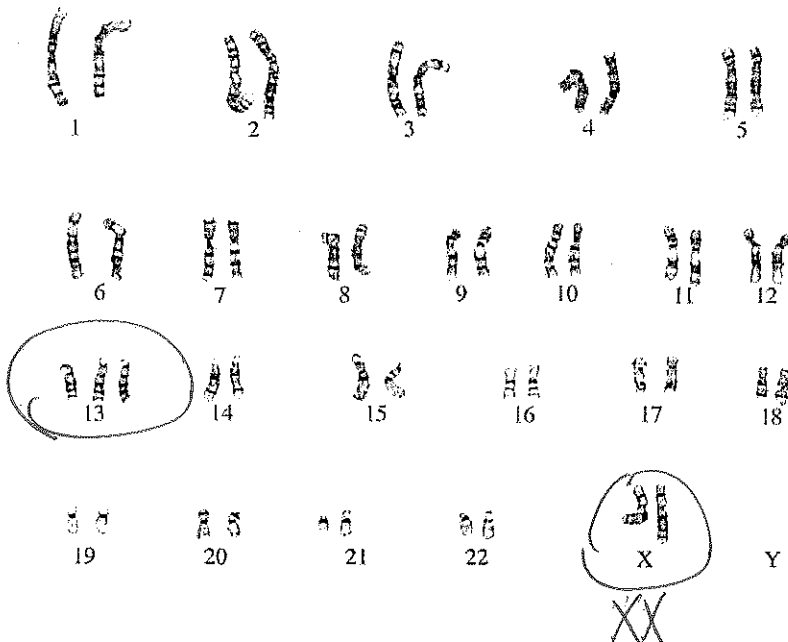
What disorder do they have?

Trisomy 21
Down Syn.

How can you tell?

3 #21

ZWK99032 KEY



Total # Chromosomes = 47
autosomes = 45
#sex chromosomes = 2

Is this person male or female?

Female (XX)

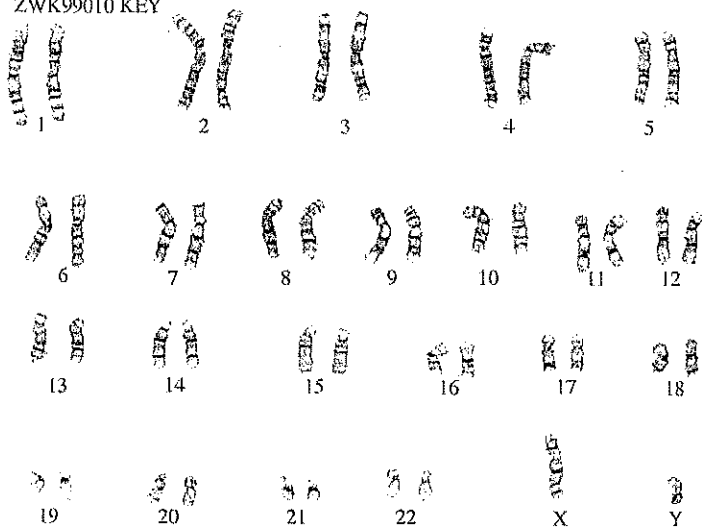
What disorder do they have?

Patau
Trisomy 13

How can you tell?

3 #13s

ZWK99010 KEY



Total # Chromosomes = 46
 # autosomes = 44
 #sex chromosomes = 2

Is this person male or female?

male XY

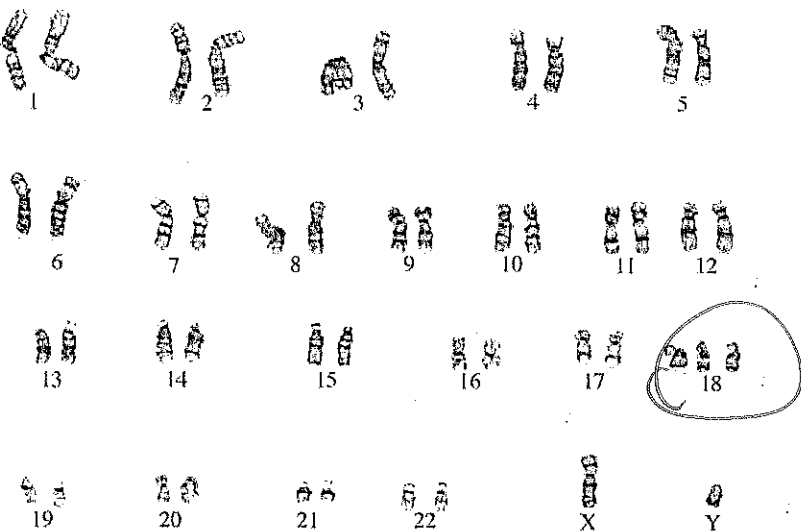
What disorder do they have?

none - "normal"

How can you tell?

2 of each chrom.

ZWK99035 KEY



Total # Chromosomes = 47
 # autosomes = 45
 #sex chromosomes = 2

Is this person male or female?

male: (XY)

What disorder do they have?

Trisomy 18

Edward's Syn.

How can you tell?

3 #18