

Summary & Conclusion

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Sex type

- 1- Males are more than females in trisomies, Down syndrome, and Ambiguous genetalia cases.
- 2- But, females are more common in Non-trisomies and short stature cases.

Consanguinity

- 3- Consanguinity is minor in trisomies, Down syndrome, and Turner syndrome cases.
- 4- Consanguinity is major in short stature, Ambiguous genetalia, and Non-trisomic cases.

Order in family

- 5- Down syndrome, Ambiguous genetalia, and Short stature are predominant in patients of first family order.
- 6- The most of Normal cases are predominant in early family orders (first and second orders), but abnormal cases showed great proportion in late one (fifth and more).
- 7- Great difference showed between Trisomic and Non-trisomic cases through each family degree, except in the late family order (fifth and more), it is very minor difference (10 cases versus 12 cases).

8- Early family orders (first and second orders) showed major difference between Normal and Abnormal cases, but the contrarily occurred for the fifth order, where Abnormal cases are greater than Normal cases (13 cases versus 9 cases).

Parent age

9- Mothers of Normal cases showed great proportion in young ages (20:30 years) than abnormal cases, but the contrarily occurred within the others older ages [(31:40 years) and (more than 41 years)].

10- The same occurred for father age of normal cases.

11- Trisomies do not correlated well to mother's age (advanced mother age showed a great proportion for trisomies than the oldest age)

12- Mother's of trisomies are minor percent in young ages (20:30 years) than Non-trisomies, but there is no real difference recognized in the older ages [(31:40 years) and (more than 41 years)].

13- Father's of trisomies showed minor differences in young ages but it is major in older ages (31:40 years), and there is no difference in the oldest ages (more than 41 years).

No./mean parameter showed the largest proportion of cases within the age of 20:30 years, than the age of 31:40 years, followed by the 41 years, for both mother and father age.