

### Summary

A family with three female siblings affected with imperforate anus and rectovaginal fistula is reported. This is the twelfth family in the literature with more than one member born with imperforate anus. A multifactorial genetic etiology of this condition is suggested.

### References

1. Feggetter S: Imperforate anus in identical twins. *Newcastle Med J* 19: 20, 1939
2. Kaijser K, Malmstrom-Groth A: Ano-rectal abnormalities as a congenital familial incidence. *Acta Paediatr Scand* 46: 199, 1957
3. Kiesewetter WB: Imperforate anus: II. The rationale and technic of the sacroabdominoperineal operation. *J Pediatr Surg* 2: 106, 1967
4. Norris WJ, Brophy TW III, Brayton D: Imperforate anus: A case series and preliminary report on the one stage abdominoperineal operation. *Surg Gynecol Obstet* 88: 623, 1949
5. Santulli TV, Kiesewetter WB, Bill AH Jr: Ano-rectal anomalies: A suggested international classification. *J Pediatr Surg* 5: 281, 1970
6. Seitz VA, Bautze HJ: Familiärer Anus vestibularis. *Zentralbl Gynaekol* 73: 1543, 1951
7. Suckling PV: Familial incidence of congenital abnormalities of the anus and rectum. *Arch Dis Child* 24: 75, 1949
8. Vangelder DW, Kloepfer HW: Familial ano-rectal anomalies. *Pediatrics* 27: 334, 1961
9. Weinstein ED: Sex-linked imperforate anus. *Pediatrics* 35: 715, 1965
10. Winkler JM, Weinstein ED: Imperforate anus and heredity. *J Pediatr Surg* 5: 555, 1970

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### American Society of Cytology Meetings

American Society of Cytology, 22nd Annual Scientific Meeting, Statler Hilton Hotel, New York, New York, November 6-9, 1974. For information, contact Warren R. Lang, M.D., Secretary-Treasurer, Health Sciences Center, 130 South 9th Street, Suite 1006, Philadelphia, Pa. 19107.

American Society of Cytology, 23rd Annual Scientific Meeting, El San Juan Hotel, San Juan, Puerto Rico, November 5-8, 1975. For information contact Warren R. Lang, M.D., Secretary-Treasurer, Health Sciences Center, 130 South 9th Street, Suite 1006, Philadelphia, Pa. 19107.