

# A case of Localized multiple genital syringoma in Twin girls

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# Case

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- **Patient**

- F/8 (**Twin girls**)

- **Chief complaint**

- Skin lesion on genital, coccyx, and inner thigh
  - Onset : Several MA

- **Present illness**

- Mons pubis : erythematous to brownish papuloplaques
  - Coccyx, inner thigh : brownish maculopatches with whitish papules (milia-like)
  - Symptom : itching (+)

- **Past History** : n-s

- **Family history of syringoma (+)** : **Mom**

# Skin manifestation

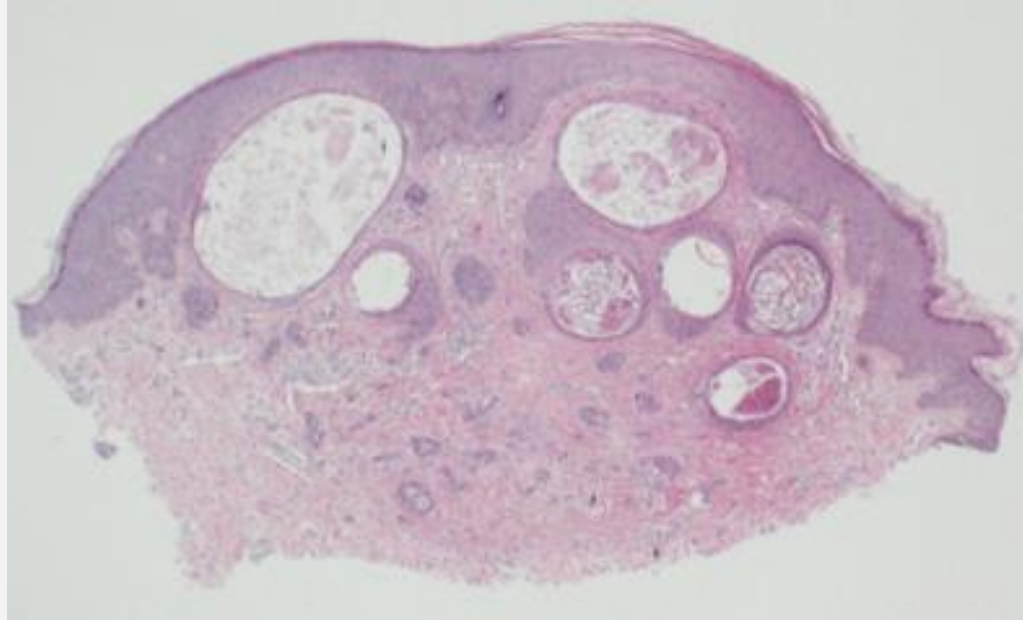
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**Erythematous to brownish papuloplaques**  
**Brownish maculopatches with whitish papules (milia-like)**

# Histopathologic findings

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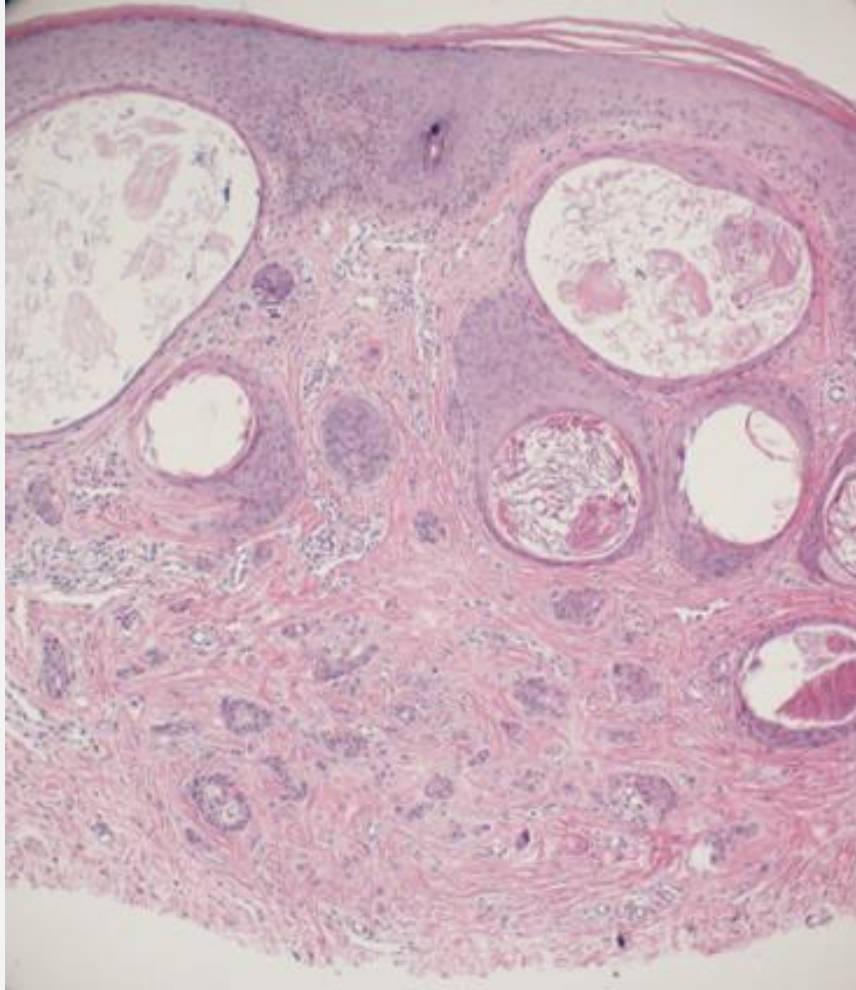


**Tubular structure among dermal  
collagenous stroma**

**(H&E stain, X40)**

# Histopathologic findings

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- Ductual structure
  - Lining with double layer of epithelial cell
  - Inside: amorphus debri
- Tad pole appearance
  - Ductural structure with “**comma-like tail**” apperarence epithial cell

(H&E stain, X100)

# Diagnosis & Management

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- **Diagnosis**

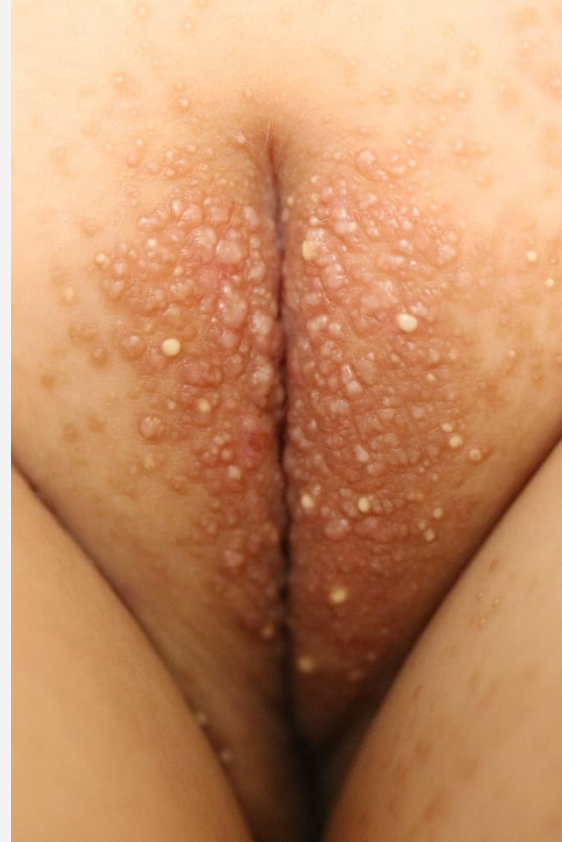
Syringoma

- **Management**

- instruction: not to scratch the lesion
- PO antihistaminedressing weekly
- topical prednisolone valeroacetate

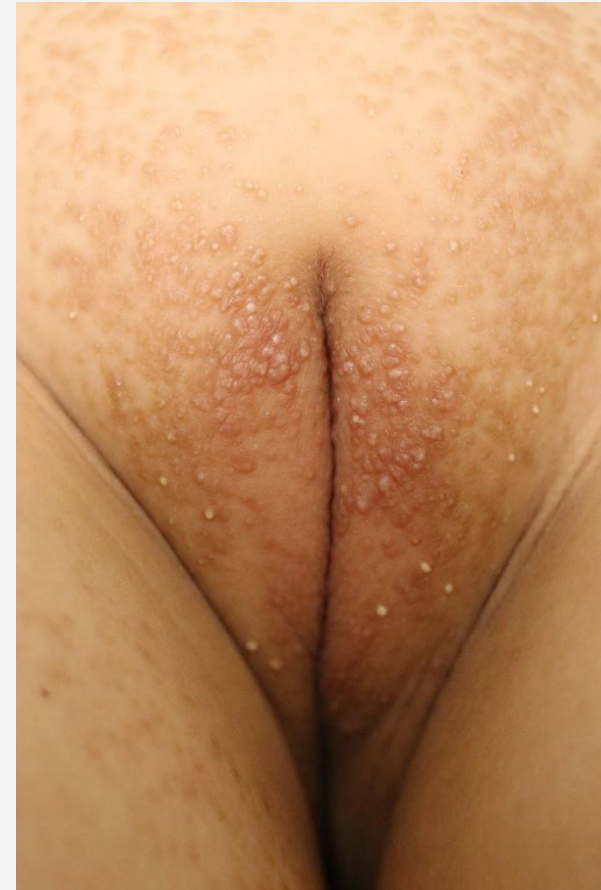
# Progress (5<sup>th</sup> VISIT) \_ Twin (1)

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# Progress (5<sup>th</sup> VISIT)\_ Twin (2)

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# Review

## Syringom (Genital, Eruptive)

# Syringoma

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- **Epidemiology**

- Benign appendage tumor
  - Derive from the intraepidermal eccrine ducts
- Adolescent, young adult female
- Family history
- Down SD

- **Clinical features**

- Multiple, 1-3mm, flesh or yellow-colored, papules
- Commonly on face, periorbital distribution
  - Can involve scalp, vulva, penis, chest, axilla

- **Eruptive form**

- Chest, trunk

# Syringoma

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- **Differential diagnosis**

- Clinical
  - Milia
  - Xanthelasma
  - Angiofibroma
- Histological
  - Microcystic adnexal carcinoma

- **Management**

- Cosmetic purpose
- Destructive method
  - Laser, chemical peels, electrodesiccation, surgical excision
- Medical therapy
  - Retinoid

# Genital syringoma\_Vulvar involve (previous report)

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**Figure 1.** *Widespread papules with linear array and pseudohypertrophy of the labia majora.*

**Rare** disease entity

Especially among **children**

# Syringoma (previous report) with familial component ; **Rare**

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**Female eruptive syringoma on trunk**



**Family history of Syringoma  
: Mom \_ Periorbital syringoma**

# Conclusion

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- This case is unusual in several points.
  - The same pattern of lesions occurred **simultaneously in twin girls.**
  - The mother had periorbital syringoma, which is **familial component** is suspected.
  - The **time of onset** and **affected area** is not typical

# References

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1. Williams K, Shinkai K. Evaluation and management of the patient with multiple syringomas: A systematic review of the literature. *J Am Acad Dermatol*. 2016 Jun;74(6):1234-1240.e9. doi: 10.1016/j.jaad.2015.12.006. Epub 2016 Feb 3.
2. Kavak A, Yıldız NY, Topkarci Z, Erdoğan B, Sever N, Canoğlu D. Vulvar syringomas as a part of nonfamilial generalized eruptive form: Unusual lesions leading to pseudohyper-trophy of the labia majora. *Dermatol Online J*. 2018 Mar 15;24(3):13030/qt1rx2v8hc.
3. Huang, Y. H., Chuang, Y. H., Kuo, T. T., Yang, L. C., & Hong, H. S. (2003). Vulvar syringoma: a clinicopathologic and immunohistologic study of 18 patients and results of treatment. *Journal of the American Academy of Dermatology*, 48(5), 735-739.
4. Garman, Mary, and Denise Metry. "Vulvar syringomas in a 9-year-old child with review of the literature." *Pediatric dermatology* 23.4 (2006): 369-372.
5. Nibhoria S, Tiwana KK, Yadav A. Vulvar syringoma: a rare case report. *J Clin Diagn Res*. 2014 Aug;8(8):FD06. doi: 10.7860/JCDR/2014/10125.4731. Epub 2014 Aug 20.
6. Mahaisavariya, Panchalee, and Thanya Techapichetvanich. "Familial eruptive syringoma in a Thai woman: Case report and literature review." *Thai Journal of Dermatology* 36.1 (2020): 7-14.