

An intriguing co-occurrence

of MURCS and VACTER associations

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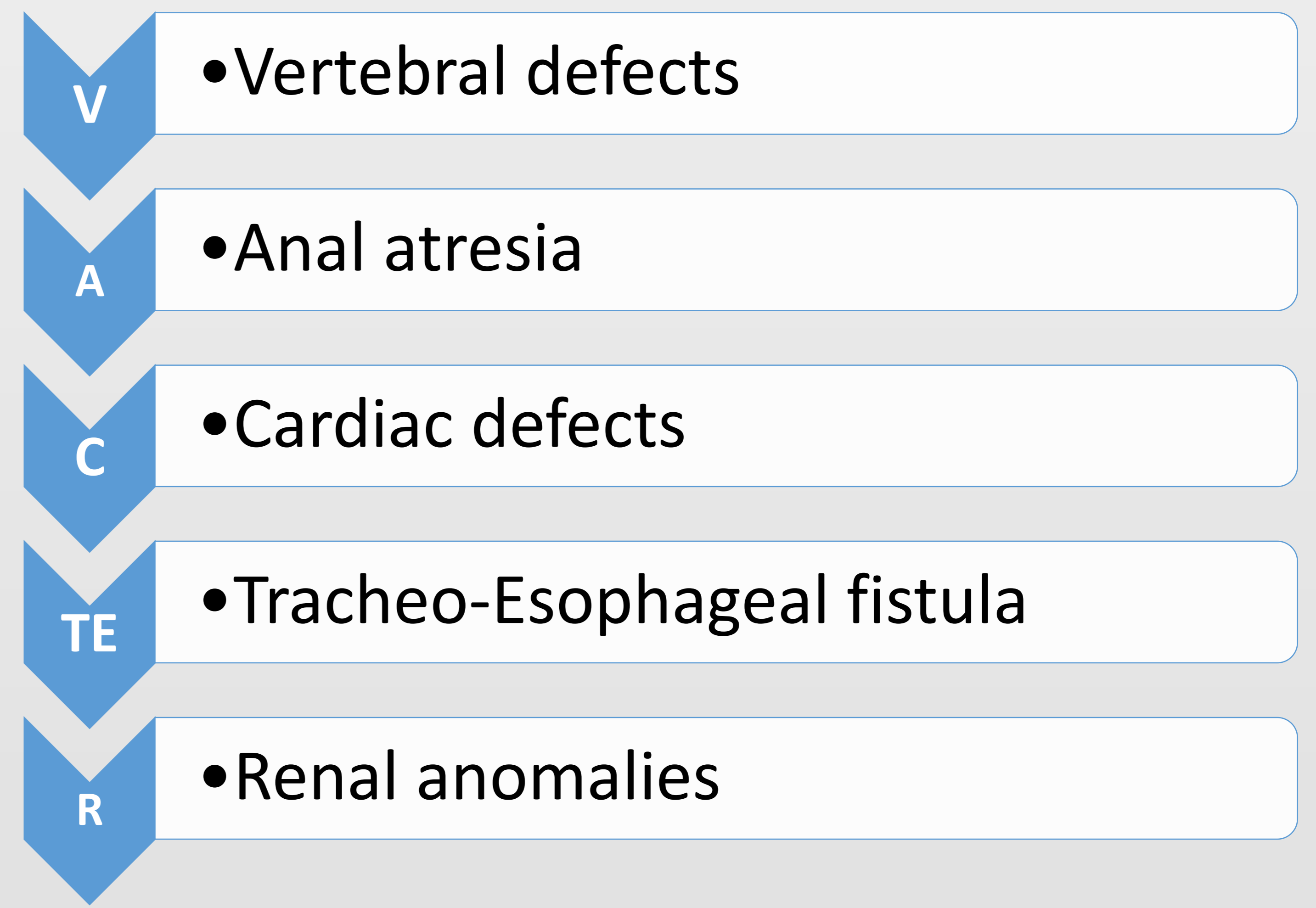
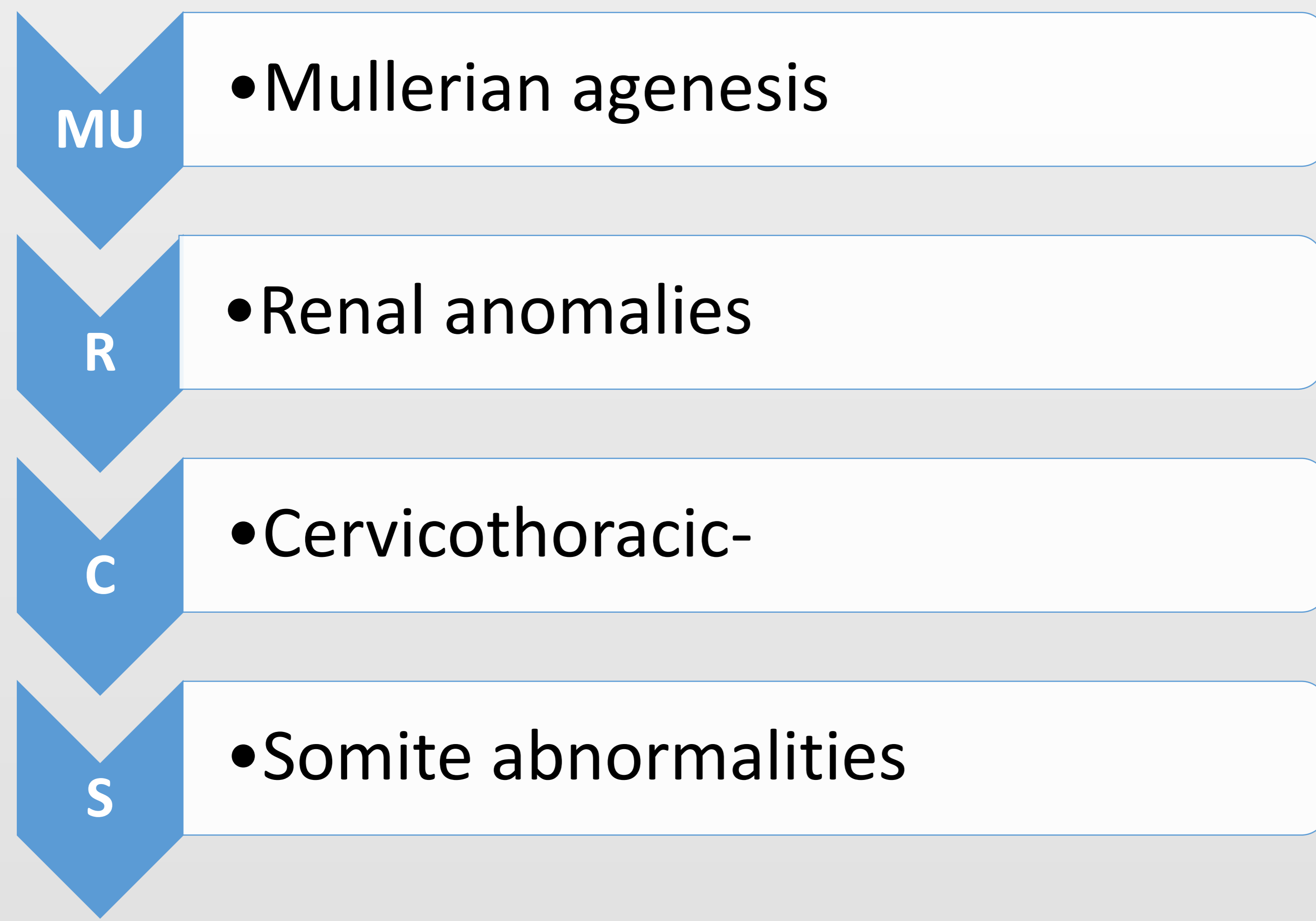
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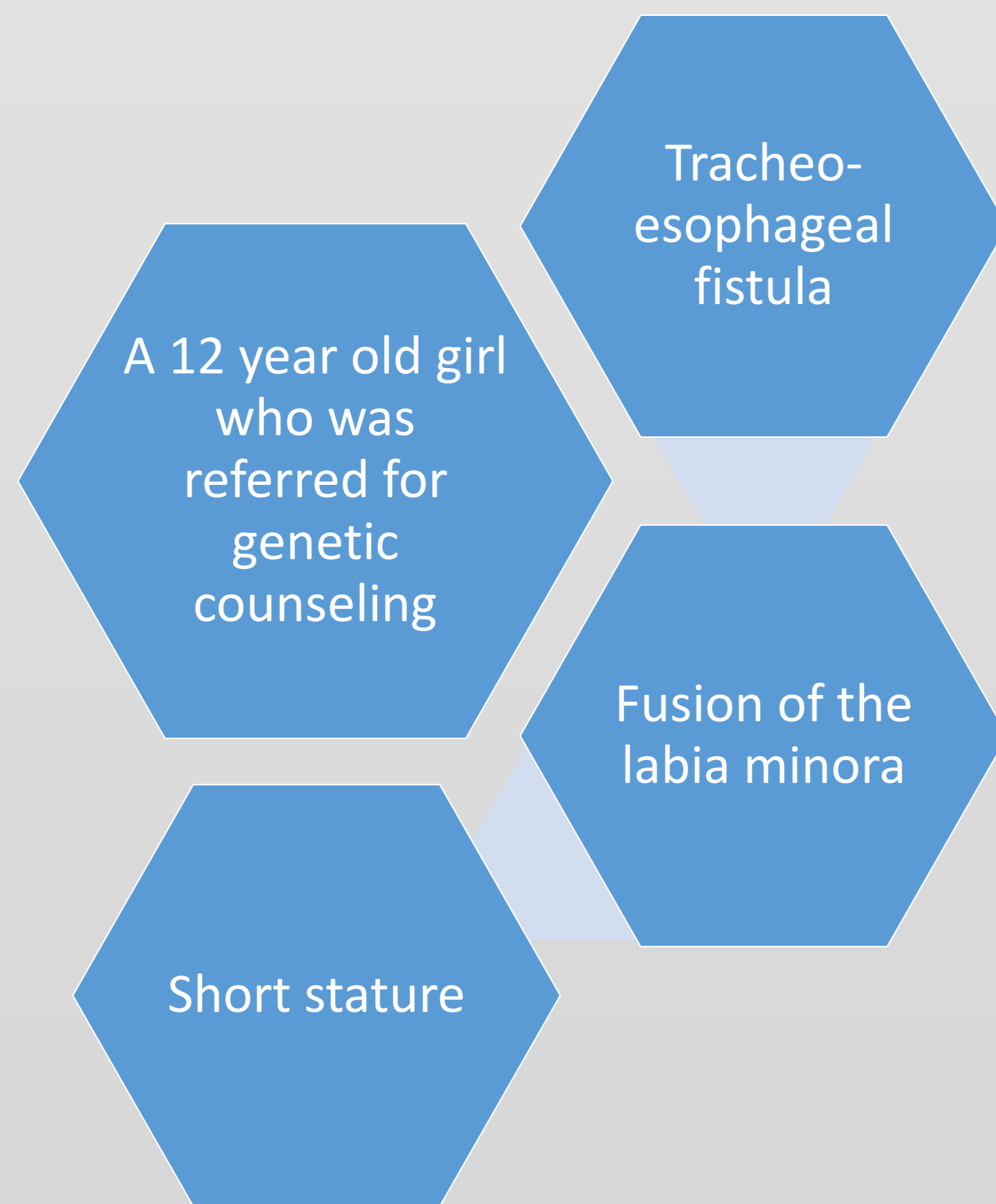
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Background

MURCS and VACTER associations have several defects in common, and yet they are considered distinct clinical entities. In both, the underlying cause is still unknown.



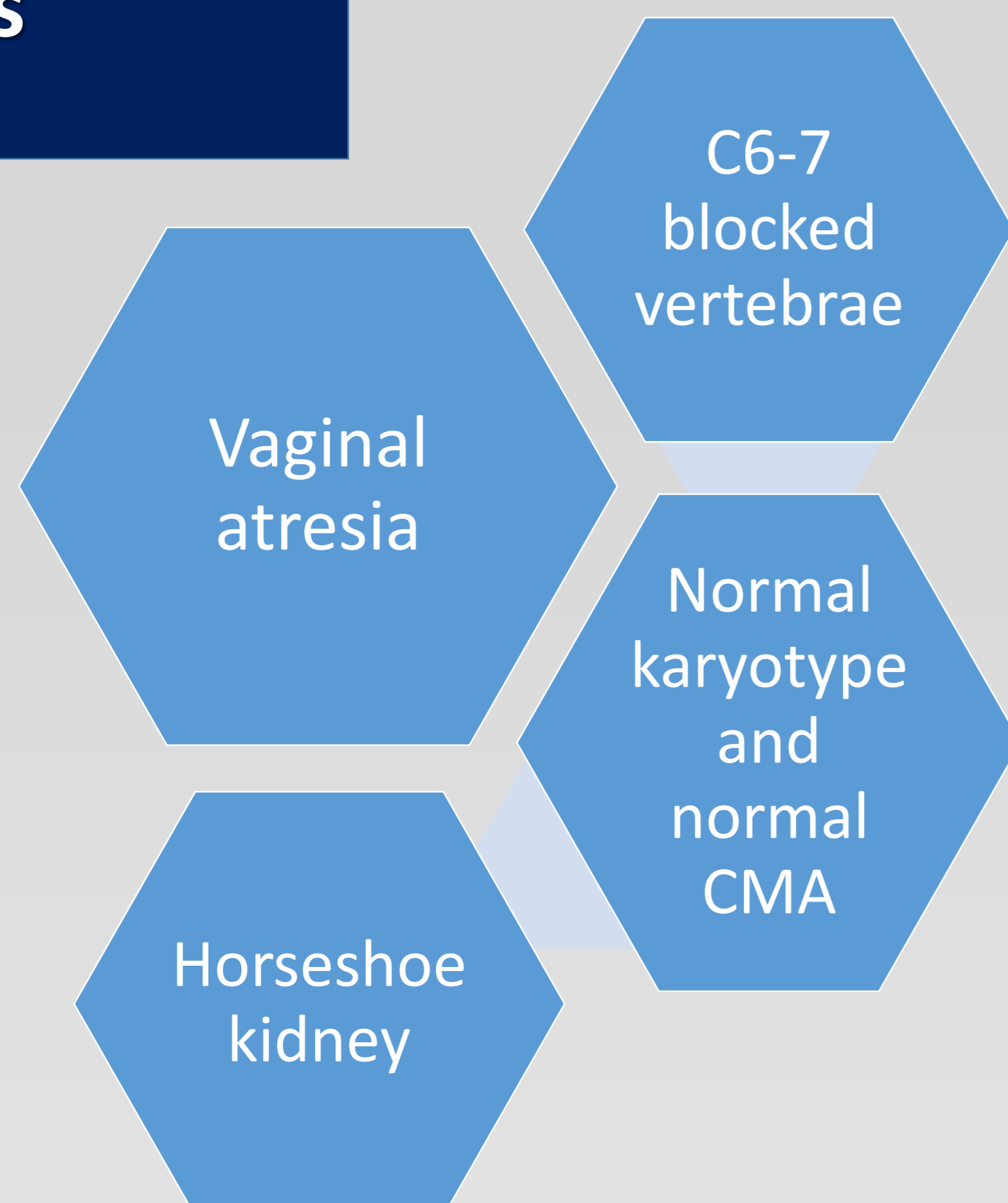
Patient



Methods

- Pelvic ultra-sound and MRI
- Cervical X-ray
- Genetic testing
 - Karyotype
 - Chromosomal Microarray Analysis
- Review of the literature

Results



Conclusions

- ✓ This patient meets the diagnostic criteria of both MURCS and VACTER associations.
- ✓ A co-occurrence of the two has been reported in only 3 case reports in the past.
- ✓ Future studies will hopefully reveal the embryonal and genetic mechanism leading to these congenital defects.
- ✓ Discovering the underlying cause will enable accurate follow-up and genetic counseling regarding recurrence risk.