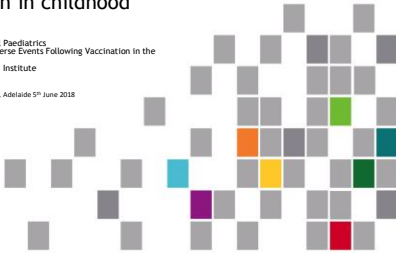




## Subcutaneous nodules following immunisation in childhood

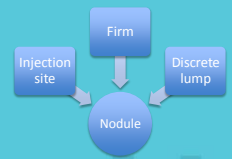
Rowena Silcock  
Advanced Trainee in General Paediatrics  
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National Immunisation Conference, Adelaide 5<sup>th</sup> June 2018



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## Subcutaneous nodules

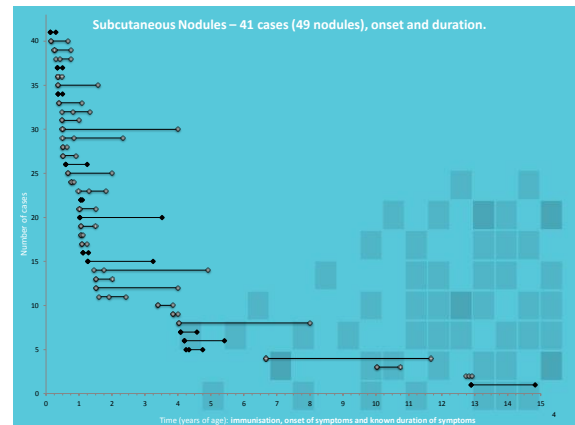


- Rare adverse event following immunisation (AEFI)
- Limited literature available
- Brighton Collaboration Case Definition
- Association
  - ?Aluminum adjuvant vaccines
  - Injection
  - Host factors ?allergy

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- Aim:  
Describe natural history of nodules at the injection site reported to SAEFVIC, examine recurrence and immunisation status
- Method:  
56 cases of nodule at injection site (2007 -2016)  
Reviewed notification, records and phone interview.  
Assessed using Brighton Criteria
- Results:  
41 cases (49 nodules) consistent with Brighton Criteria

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## Conclusions

- Natural history: most will resolve <6-12 months, but some will continue for years
- Aetiology
  - Role of aluminum in pathophysiology unclear
  - Injection technique may contribute
- Ongoing immunisations
  - Deep IM immunisations
  - No recurrence within SAEFVIC cohort

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Any further questions  
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