

# **Scottish Paediatric Renal Urology Network**

## **Renal Calculi & Calcinosis Teaching Session Evaluation Report**

**January 2022**

The Scottish Paediatric Renal Urology Network (SPRUN) hosted a Renal Calculi & Calcinosis Teaching session on Monday 31<sup>st</sup> January 2022. Results from the evaluation are as follows.

There were 21 delegates in attendance. Evaluations were received from 13 attendees giving a response rate of 62%.

Figure 1 - Designations and Figure 2 - Health Boards below show the designations and Health Boards of respondents.

Figure 1 - Designations

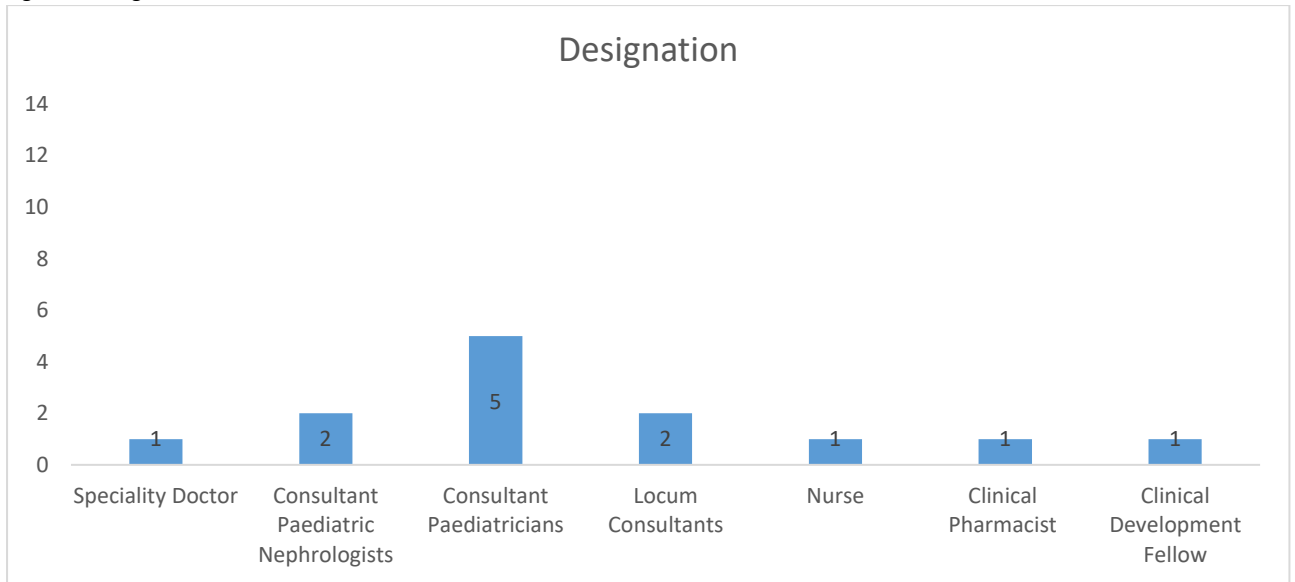
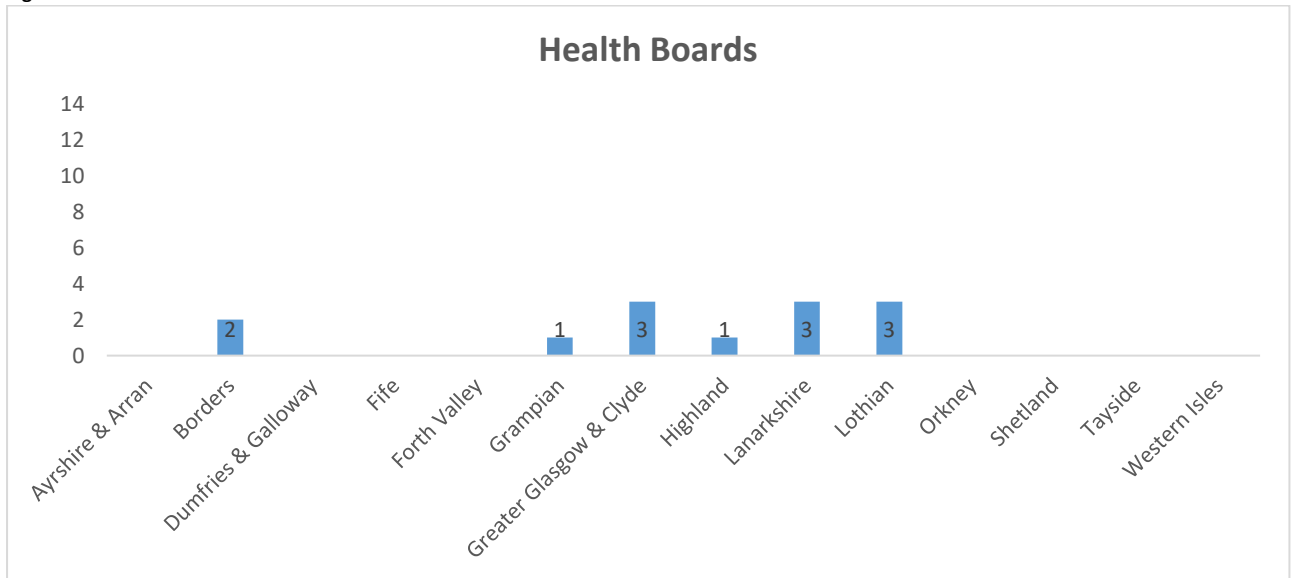


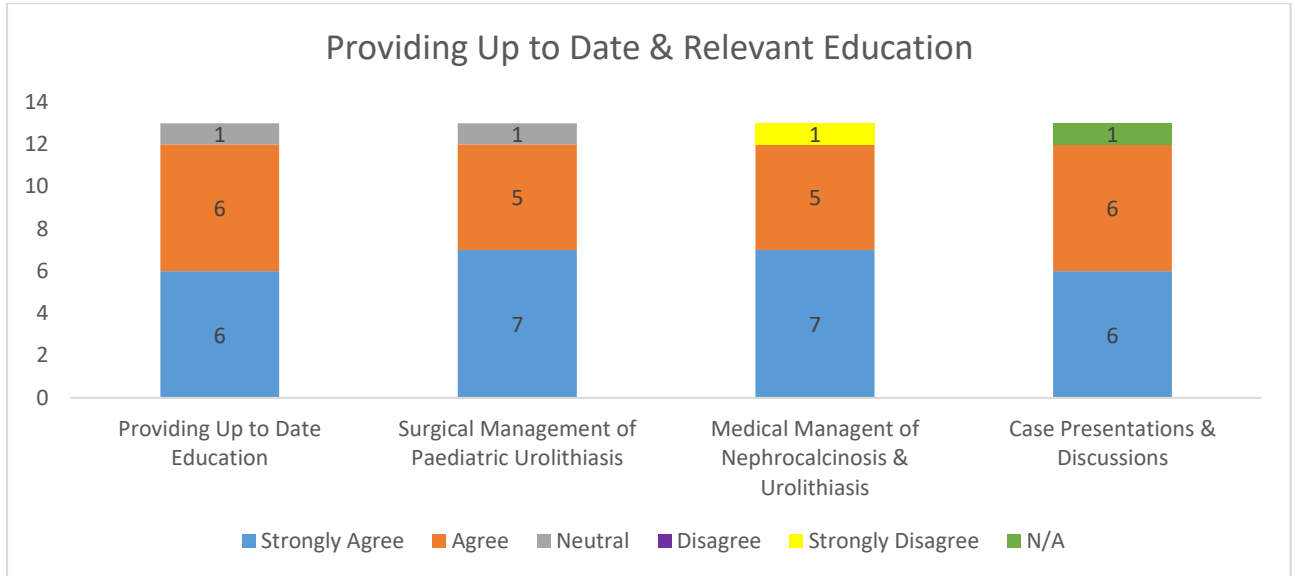
Figure 2 - Health Boards



The objective of this event was to provide relevant and up to date education for professionals who care for children with renal calculi and calcinosis. Attendees were asked if this objective had been met both overall and for each topic.

Figure 3 shows the responses received.

Figure 3 - Objective Met: Providing Up to Date & Relevant Education



### Additional Benefits

Participants were asked what they had gained as a result of attending this event. The general consensus was that the event had provided a lot of useful information, improved knowledge/understanding as well as refreshing current practice in relation to causes/investigations and management approach. Points of note included Lumasiran treatment for oxalosis and consideration of rare genetic causes.

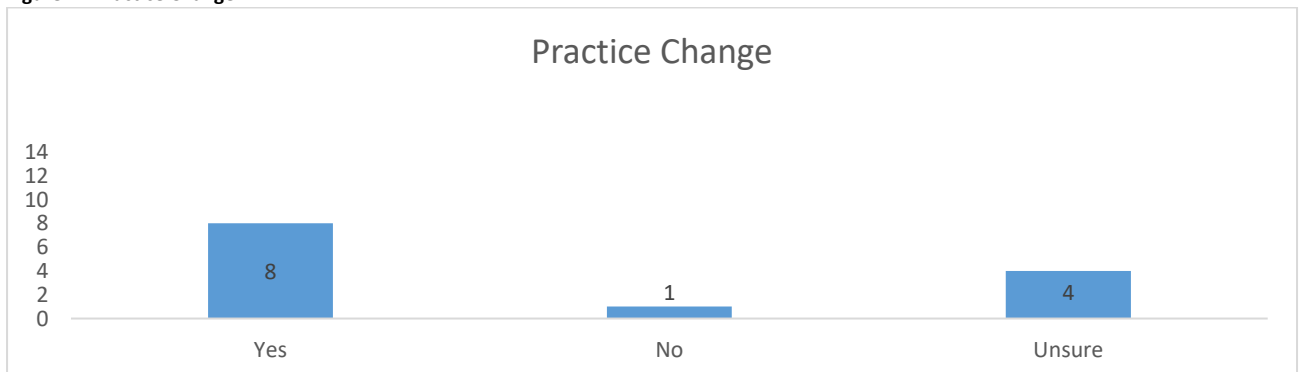
A few quotes are noted below:

- ***“Have learned a lot of new information and enjoyed the case study presentation and findings.”***
- ***“Learned different surgical treatments of renal stones. Important to do all investigations not to miss the diagnosis.”***
- ***“Updated on management protocols.”***

### Practice Changes

The vast majority (62%) of respondents indicated that their practice would change as a result of attending the event (indicated in Figure 4 – Practice Change).

Figure 4 - Practice Change



Participants were asked how their practice would change as a result of attending this event and points are noted as below:

- Plasma oxalate measurement in unexplained renal failure.
- New guidelines to consult for stones patients.
- Screen patients on ketogenic diet/topiramate with USS.
- Check Blood Gas in RTA patients for follow up.
- Ensure all history/relevant information is gathered and all relevant tests are sent for testing.
- Always recheck what investigations have been done and not assuming they were done.
- More aware of the next steps in treating patients.
- Rarely see children with renal calculi but will do appropriate investigations when seeing children with features suggestive of calculi.

### **Suggested Improvements to the Event**

Participants were asked what could be done differently to improve these events. 92% of respondents did not suggest any improvements. Suggested improvements are noted below:

- ***“Medical management session too complex - too many abbreviations and lists - don’t need drug doses in a presentation - would have been better to present an overall approach and how to find the occasional rare problem from the large number of children with non-specific symptoms.”***

### **Future topics**

Suggested future topics were:

- **Hypokalaemia and hyperkalaemia.**
- **Macroscopic haematuria.**

### **Additional Comments**

The event was extremely positively received and many thanks were given for hosting an informative and helpful educational event. A sample of comments received are as noted below:

- ***“Need to emphasise thinking about cases rather than list of screening tests which will let you down.”***
- ***“Excellent study day.”***
- ***“The summary comments regarding the different diseases/conditions that cause renal calculi was extremely useful.”***
- ***“Looking forward to the meeting next month.”***

### **Summary & Conclusion**

There were 21 delegates who attended. 13 evaluation responses were received giving a response rate of 62%. The vast majority of respondents (92%) indicated that the overall objective of providing up to date/relevant education had been met with 8% submitting a neutral response. 92% of respondents strongly agreed/agreed that the objective had been met for each of the individual presentations. The remaining 8% of responses either remained neutral, strongly disagreed or selected not applicable. Complexity of Medical

Management of Nephrocalcinosis and Urolithiasis presentation was the reason for strong disagreement that the objective of providing up to date and relevant education had been met.

Management of nephrocalcinosis and urolithiasis was the main theme around changes to practice and included consideration of patient history, appropriate investigation, and referring to new guidelines.

Overall, the event was a great success. SPRUN will review all feedback, explore how it can be utilised to shape and further improve future events.

### **Recommendations**

- To consider simplifying educational content.
- To consider suggested topics for future events.