

## Abstract Submission Template

- Abstracts are invited for the BAPO annual meeting on 23<sup>rd</sup> – 24<sup>th</sup> September.
- The deadline for submissions is midnight on Saturday 31<sup>st</sup> July 2021.
- The word count limit is 250 words. Recommended headers for the body text are: *Introduction; Methods; Results; Conclusion* and *Ethical Approval*.
- To submit your abstract please create a free account and log in at <https://www.bapo.co.uk/dashboard>
- The presenting author for successful submissions is expected to register to attend the conference, this year attendance can be online or in-person.

### Example Abstract

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**Title:** Safe balloon sizing for endoscopic dilatation of subglottic stenosis in children

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**Introduction:**

To provide guidelines for maximum safe balloon sizes for age in children undergoing balloon dilatation.

**Methods:**

Retrospective review of all children undergoing balloon dilatation for subglottic stenosis in a paediatric tertiary referral unit between May 2006 and February 2016.

**Results:**

166 patients underwent balloon dilatation during the study period. The mean balloon size used was 8.93mm (SD +/-2.31mm), the mean balloon inflation pressure was 9.51 atm (SD +/-3.46 atm), and the mean balloon inflation timing was 65.1 seconds (SD +/-18.6 seconds). No significant unexpected events occurred. The Pearson correlation co-efficient between age of patient and size of balloon was 0.85 ( $p=0.001$ ), suggesting a strongly positive correlation.

**Conclusion:**

Appropriate balloon catheter sizing is important, and we would suggest using the outer diameter of the age appropriate endotracheal tube for the child +1mm for the larynx/subglottis and +2mm for the trachea. Compliant versus non-compliant balloon catheters should be used.

**Ethical approval:**

Not applicable

**Word count:**

148 words