

Cost-effectiveness analysis of devices for closure of patent ductus arteriosus

Sir,

The paper by El-Saiedi *et al.* is greatly appreciated for performing cost-effectiveness analysis of different devices for occlusion of patent ductus arteriosus (PDA) in children.^[1] Including “regular” PDA occlude (ADO I) in a similar study would be interesting. It is generally considered cheaper. Aortic protrusion with ADO I is less than with ADO II.^[2] When effectiveness alone is considered, ADO I was found to be the device of choice for PDA >3 mm with good success;^[3] although, it was before the advent of ADO II. Comparison of ADO I, II and ADO II additional sizes showed that ADO I was convenient for medium- and large-sized PDA.^[4]

Thank you,

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Nil.

Conflicts of interest

There are no conflicts of interest.

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REFERENCES

1. El-Saiedi SA, El Sisi AM, Mandour RS, Abdel-Aziz DM, Attia WA. Cost-effectiveness analysis of different devices used for the closure of small-to-medium-sized patent ductus arteriosus in pediatric patients. *Ann Pediatr Cardiol* 2017;10:144-51.
2. Liddy S, Oslizlok P, Walsh KP. Comparison of the results of transcatheter closure of patent ductus arteriosus with newer Amplatzer devices. *Catheter Cardiovasc Interv* 2013;82:253-9.
3. Brunetti MA, Ringel R, Owada C, Coulson J, Jennings JM, Hoyer MH, *et al.* Percutaneous closure of patent ductus arteriosus: A multiinstitutional registry comparing multiple devices. *Catheter Cardiovasc Interv* 2010;76:696-702.
4. Baspinar O, Irdem A, Sivasli E, Sahin DA, Kilinc M. Comparison of the efficacy of different-sized amplatzer duct occluders (I, II, and II AS) in children weighing less than 10 kg. *Pediatr Cardiol* 2013;34:88-94.

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