

**P103** What is the current role of single use ureteroscopes?: A snapshot world survey

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**Introduction & Objectives:** Flexible ureteroscopy is a mainstay of kidney stone treatment, including fibre-optic and digital scopes. Differing opinions have been raised with scope durability, infection control, safety and cost-benefit. Single-use ureteroscopes have shown possible superiority within these fields. This multi-centre world snapshot study, demonstrates views on users' experiences with single-use ureteroscopes.

**Materials & Methods:** An online survey was created with respect to single use ureteroscopy. Questions focused on user experience, general opinion, advantages, disadvantages and cost. Invitations to participate were distributed via social media and email to urologists.

**Results:** 62 responses were obtained. Clinical grade of responders is highlighted in Graph 1. 75.4% of responders were UK based, with 24.6% coming from the rest of the world. A total of 66.1% had used a single-use ureteroscope, 95.1% liked it. Positive comments included good vision and convenience. Negative comments were cost 46.7%, inferiority to a traditional scope 20%, environmental concerns 16.7%, or all of the above 16.7%. After currency conversion responders estimated mean cost from £100-£6000 (Mean £991.36).

**Conclusions:** The results suggest that once tried the single-use scope is popular for its light weight, lack of fear of damage, vision and manoeuvrability, however the main factor restricting widespread use appears to be costs (Graph 2). With such wide views on cost variations of £100-£6000 there may be a role of education from industry as to the recommended retail price which may alter these views. The cost of a single-use scope may vary from centres depending on user volume so there may be a role in a 'standardised' single price. Accurate costs of sterilising, storing and repairing usable scopes have to be considered. The environmental impact of single-use instruments must also be considered. The modern stone-unit could adopt a combination of both reusable and single-use scopes on a case dependent basis.