MP7: Do Current Scientific Reports of Hydronephrosis Make the Grade

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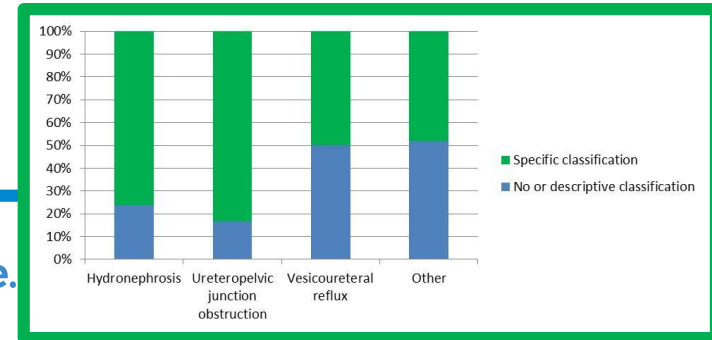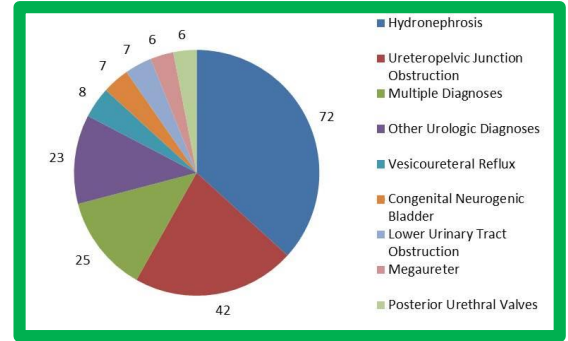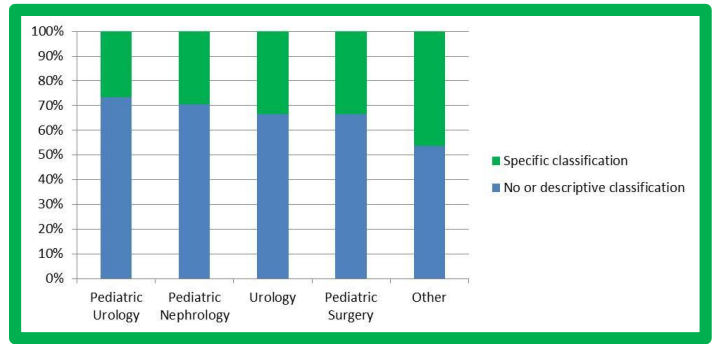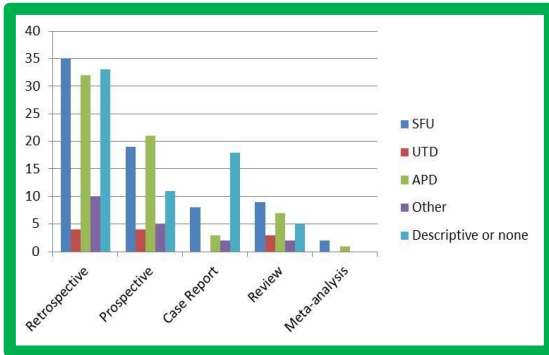* The authors have no disclosures or conflicts of interest.

The UTD classification system is approaching five years since its introduction. Are researchers adopting its use for publication?

- Queried Pubmed for "hydronephrosis" from May 2017 – May 2019
- Inclusion Criteria
  - Abstract
    - Abstract available
    - English language
    - Human subjects
    - Pediatric patients
    - Primarily about hydronephrosis
  - Additional manuscript criteria
    - Manuscript available
    - Ultrasound as imaging technology
    - Congenital/primary hydronephrosis

- Data points for the 197 manuscripts meeting criteria:
  - Journal
  - First and senior author specialty
  - Country of origin
  - Type of article
  - Primary pathology
  - Hydronephrosis classification system
- Looked for differences in application of system using chi-square analyses by type of article, author specialty, and primary pathology

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Results

- Included 197 articles from 88 journals and authors from 41 countries
- Highly varied use of classification, with 20% not describing the degree of hydronephrosis
- SFU > APD > UTD

Take Home Points

Three Key Take Home Points Concerning Hydronephrosis Reporting

Weaknesses
- Too soon?
- No recommended system
- Academic, not clinical

Conclusions
- As authors, we should be as objective as possible
- As reviewers, we should encourage some defined classification system

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Thanks!

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