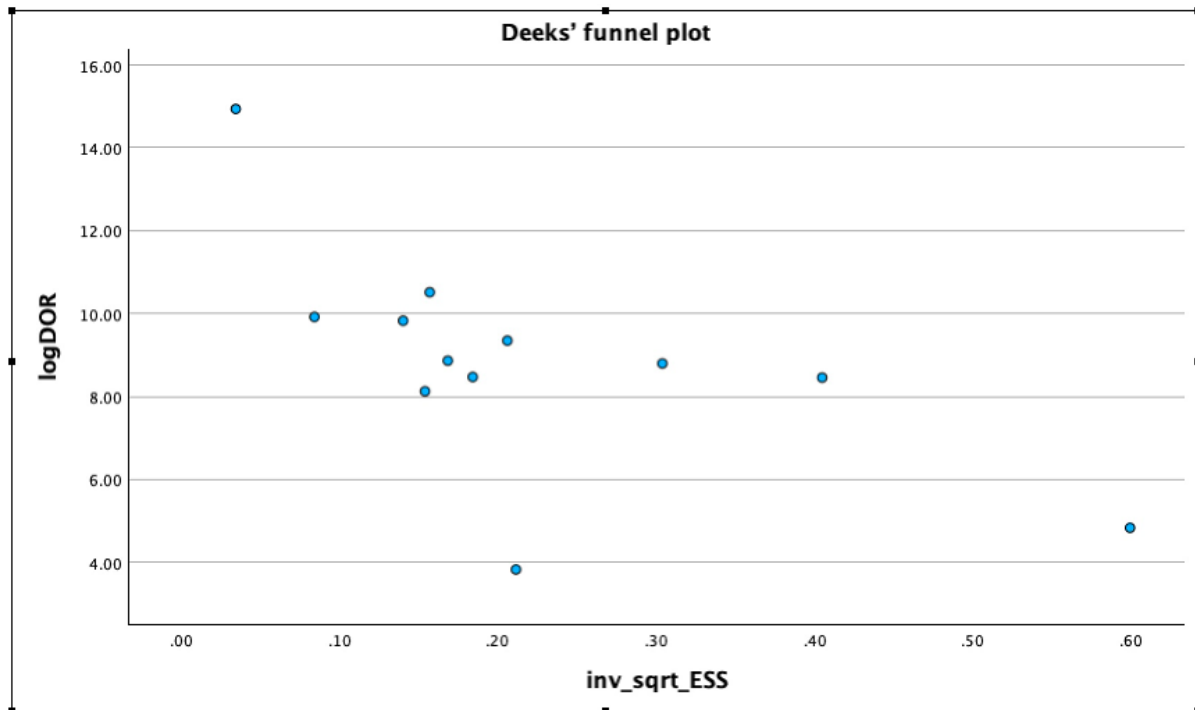


APPENDIX

Supplementary Figure 1. Deek's funnel plot evaluating publication bias.



Supplementary Table 1. Demographic characteristics of the participants of the included studies

Study identification [reference no.]	Type of study	Country	Participants included in the analysis	Age (yr), mean (standard deviation) or median (range)	Male (%)
Basak (2009) [12]	Prospective observational	Turkey	36	66 (24–88)	80.6%
Blick (2012) [13]	Prospective observational	United Kingdom	747	67.4 (36.7– 97.5)	79.6%
Cheng (2000) [14]	Prospective observational	Singapore	41	66.8 (42–89)	Not reported

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Fradet (2007) [15]	Prospective comparative controlled	USA	196	67 (11)	75%
Geavlete (2008) [16]	Prospective controlled	Romania	20	66 (36–78)	70.0%
Giulianelli (2017) [17]	Prospective comparative randomized	China	78	68 (33–75)	62% (79.5)
Guldhammer (2023) [18]	Prospective observational	Switzerland	565	73.8	76%
Herr (2008) [19]	Prospective comparative controlled	USA	427	65 (26–90)	74%
Mulawkar (2021) [20]	Retrospective	India	18 patients, 12285 images	Not reported	Not reported
Sadow (2008) [21]	Retrospective	USA	779	men: 62 (14.1) women: 56 (14.5)	57.6%
Schmitz-Drager (2008) [22]	Prospective observational	Germany	61	58 (24–89)	88.52%
Shen (2012) [23]	Prospective comparative observational	Rome	797	67.7 (46–88)	53.1%
Tatsugami (2010) [23]	Prospective comparative controlled	Japan	104	70.6 (38–90)	84.6%

Supplementary Table 2. Complete search strategy
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MEDLINE/Pubmed, Cochrane and EMBASE, 1995-2024, English or French: (((Cystoscopy[Title/Abstract]) AND ((Neoplasm, Urinary Bladder[Title/Abstract]) OR (Urinary Bladder Neoplasm[Title/Abstract]) OR (Bladder Neoplasms[Title/Abstract]) OR (Bladder Neoplasm[Title/Abstract]) OR (Neoplasm, Bladder[Title/Abstract]) OR (Bladder Tumors[Title/Abstract]) OR (Bladder Tumor[Title/Abstract]) OR (Tumor, Bladder[Title/Abstract]) OR (Tumors, Bladder[Title/Abstract]) OR (Neoplasms, Bladder[Title/Abstract]) OR (Urinary Bladder Cancer[Title/Abstract]) OR (Cancer, Urinary Bladder[Title/Abstract]) OR (Bladder Cancer[Title/Abstract]) OR (Bladder Cancers[Title/Abstract]) OR (Cancer, Bladder[Title/Abstract]) OR (Cancer of Bladder[Title/Abstract]) OR (Cancer of the Bladder[Title/Abstract]) OR (Malignant Tumor of Urinary Bladder[Title/Abstract]))) AND (((Diagnoses) OR (Diagnose) OR (Diagnoses and Examinations) OR (Diagnoses and Examination) OR (Examination and Diagnoses) OR (Examinations and Diagnoses)) AND ((video) OR (photo) OR (image)))
