

# Review of: "The Efficacy of Desmopressin and Imipramine in Retaining the Instilled Suspension in the Bladder"

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**Potential competing interests:** No potential competing interests to declare.

Even though the title may be promising for tumor formation techniques in vivo, there are some weaknesses regarding the reliability of the results.

- 1- No quantitative data on micturition volume, instilled solution, and postvoid residue in the bladder.
- 2- Methylene blue is a very well-known bladder irritant and should not be used in a study examining bladder function. Phenazopyridine is a proven drug for not irritating the bladder; it even would calm the irritative effect of bladder instillation. Also, its strong orange-red colour would be beneficial for observations.
- 3- Mice 5 and 6 in the deprived group have shown the highest urination frequency, which is not very relevant to normal physiology and may be considered an observation mistake.
- 4- Oral gavage of imipramine in water disturbed the equalisation of the groups 1, 3, and 4, which may tend to cause bias.