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Voiding position standing vs. sitting - are there any differences in healthy boys?

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AIM

The aim of this study was to see if the ability to empty the bladder is influenced by standing or sitting position in boys

MATERIAL

Thirty healthy boys, 11-12 years of age were investigated. They had no history of urinary tract problems.

METHOD

Urinary flow rate followed by ultrasound investigation to measure residual urine was done twice in every boy. The first time the voiding was done in a standing position and the second time when sitting. The micturitions were carried out in privacy.

RESULT

The flow rate showed that 28 of the boys emptied the bladder with a bell or tower shaped flow curve when standing and when they were sitting 27 still did and now emptied with an interrupted flow curve. All of them emptied without residual urine. Two boys had interrupted flow curves in both positions and had residual urine in at least one voiding.

CONCLUSION

We found no differences in the ability to empty the bladder depending on the voiding position in these healthy boys