We present a case of pseudodiphallia in a person whose body was donated to the anatomy department of Kasturba Medical College, Manipal. The age of the individual was approximately 50-60 years. There was the presence of true penis of normal size and miniature penis attached to the ventral aspect of main structure close to glans. The glans of the true penis was not covered by the prepuce. The accessory penis had full covering of skin and at the tip a depression. Close observation of this showed two openings indicating openings of the urethra. There was no enlargement to indicate the presence of glans in this appendage. The scrotum had normal appearance with the testes in place. Arteries and nerves observed on the accessory penis were derived from the main penis. However veins showed some variations. The superficial dorsal vein on the right side was originating from the accessory penis. Whereas, the left superficial dorsal vein was formed by the union two veins arising separately from the accessory and main penis. A small piece of the accessory organ was processed for microscopic observations, which showed the presence of corpus spongiosum only, as an extension from the true penis. The section showed two urethral channels surrounded by spongy tissue with cavernous spaces. Nerves and blood vessels could be seen among the spongy tissue. The epithelium appeared to be stratified squamous (non-keratinizing) type. No abnormalities were seen in the Urinary system.

**Key words:** Pseudodiphallia, duplication of urethra, normal scrotum.

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