Senior Fellows' Society Meeting 2021, Royal College of Surgeons of England

## Sushruta's Perineal Lithotomy: An Experimental Study

## KMN Kunzru 1; T. Philp 2; V. Mahadevan 3

- 1. Emeritus Consultant Orthopaedic Surgeon, Whipps Cross Hospital, London
- 2. Emeritus Consultant Urologist, Whipps Cross and UCL Hospitals, London
- 3. Emeritus Barber Professor of Anatomy, Royal College of Surgeons of England

## Abstract

The Indian surgeon, *Suśruta*, practised in the mid1<sup>st</sup>. Millennium BCE. His procedure for Removal of Stone in the Urinary Bladder has been described in his compendium, *Suśrutasaṃhitā*, *in Book IV*, *Cikitsāsthāna*. We translated, anew, the relevant passages so as to rectify translational errors. We also identified incongruous text, added later on by others. Surprisingly, some of these incongruous additions have not been picked up by many modern translators and commentators, including some practising surgeons!

We experimentally reproduced *Suśruta's* Perineal Lithotomy in a cadaver model, and, after the procedure, dissected the cadaver to delineate the surgical anatomy.

Peri -operative care, and management of complications, will be discussed.

Errors in translation, and some faults in interpretation will also be discussed.