

Press Release

For Immediate Publication

Fortis Hospital & Kidney Institute successfully performs mini-PCNL (Percutaneous Nephrolithotomy) surgery on a 4 year old boy

- *Youngest patient in Eastern India to have successfully undergone percutaneous nephrolithotomy for removal of 3cm size kidney stone*

Kolkata, February 9, 2017: A team of doctors at Fortis Hospital & Kidney Institute (FH&KI) has successfully performed a minimally invasive surgery to remove a 3 cm kidney stone arising from a rare metabolic disorder in a 4 year old boy. The patient is the youngest to have undergone such a procedure in Eastern India.

The doctors led by Urologist Dr. Puskar Shyam Chowdhury of Fortis Hospital & Kidney Institute performed the mini-PCNL (Percutaneous Nephrolithotomy) surgery by inserting miniature instruments into the kidney of the baby through a 5mm hole. They then broke down the stone using holmium LASER lithotripsy equipment and finally removed the broken stones.

“The Hospital has vast experience in minimally invasive treatment of urinary stones, having dealt with more than 50000 cases. Dr Puskar has been performing such complicated minimally invasive paediatric urology cases here and is credited with performing mini PCNL on a 8 month old infant, at Pondichery the youngest in the country,” said *Mr. Mohit Arora, Facility Director – Fortis Hospital & Kidney Institute*

Urinary stones have been plaguing humanity since eternity. They continue to be a major cause of morbidity even today. The main cause of stone formation includes reduced water intake and other modifiable dietary factors. “Stones occurring in children are usually due to disturbances in their constitution and body milieu leading to improper handling of salts in their body, excessive salt secretion through urine. Treatment of such stones in children is a challenging prospect,” said *Dr. Puskar Shyam Chowdhury, consultant urology, Fortis Hospital & Kidney Institute – Kolkata*

Ezaan Ahmed was born to a software engineer at Sultanpur in Uttar Pradesh. Ezaan had been falling sick often with repeated bouts of bleeding in urine. He had undergone an open surgery for stones in urinary bladder at the age of one and a half years. His parents

approached a paediatrician in Lucknow who diagnosed a large stone of 3 cm size in his left kidney and referred him for surgery.

“He was offered open surgery at various hospitals in Lucknow as well as in Kolkata. We decided not to go for another open surgery that would have involved a large disfiguring scar on the upper abdomen coupled with other risks. In our desperate search for an institute offering microsurgery we were finally referred to Fortis Hospital and Kidney Institute at Rashbehari Avenue in Kolkata,” said *Mr. Shahid Ahmed Khan, father of the boy.*

“The Surgery took around two hours and had no stitches. The patient responded well to the treatment and recovered fast. He was discharged from the hospital on the third day. His stone analysis revealed CYSTINE stones arising out of a rare metabolic disorder. He was advised special dietary regimen and medication to prevent future recurrence of stones. We have asked his parents to bring him after 1 month for general checkup,” Dr Puskar said.

About Fortis Healthcare Limited

Fortis Healthcare Limited is a leading integrated healthcare delivery service provider in India. The healthcare verticals of the company primarily comprise hospitals, diagnostics and day care specialty facilities. Currently, the company operates its healthcare delivery services in India, Dubai, Mauritius and Sri Lanka with 45 healthcare facilities (including projects under development), approximately 10,000 potential beds and over 330 diagnostic centres.