



## 3-YEAR-OLD BECOMES YOUNGEST PATIENT TO UNDERGO BILATERAL RIRS



**HARDIKA'S STORY IS ONE OF RESILIENCE, INNOVATION, AND COLLABORATION, DEMONSTRATING OUR COMMITMENT TO PROVIDING EXCEPTIONAL CARE TO OUR PATIENTS, REGARDLESS OF THEIR AGE.**

Six months ago, 3 Year old patient, Ms. Hardika was referred to Jupiter Hospital due to bilateral renal stones, a condition discovered during her evaluation for a febrile urinary tract infection. Imaging revealed a right renal pelvic stone and a left upper ureteric stone, each measuring 1.5 cm and 1.2 cm, respectively.

Given the severity of her condition, our expert medical team recommended Bilateral Retrograde Intrarenal Surgery (RIRS) as the most suitable course of action. Hardika's parents, after extensive counseling and discussions, bravely decided to proceed with the procedure.

### A SUCCESSFUL PROCEDURE

With Hardika under general anesthesia, our skilled medical team performed standard ureteroscopy using a 4.5 Fr. ureteroscope. Both ureters were skillfully calibrated to accommodate a flexible ureteroscope, and the stones were meticulously dusted using laser technology. Several stone fragments were retrieved for further analysis. To ensure complete stone clearance, bilateral 4Fr DJ stents were placed, which were later removed under short anesthesia after 3 weeks, following confirmation through X-ray Kub.

## UNDERSTANDING PEDIATRIC UROLITHIASIS

Pediatric urolithiasis is a relatively rare condition, often linked to underlying metabolic abnormalities. Other potential causes include functional or anatomical abnormalities, which can lead to urine stasis and stone formation. It is imperative to conduct a comprehensive evaluation encompassing history, examination, imaging, and metabolic analysis to prevent recurrence in such cases.

We are committed to further investigating the root cause of stone formation in Hardika's case through a detailed metabolic evaluation.

We also extend our heartfelt gratitude to our exceptional anesthesia team, whose expertise and support were pivotal in making this achievement possible.



**Dr. Abhishek Agarwal**  
Consultant - Urologist

## A MILESTONE ACHIEVEMENT

Little **Hardika Sambhare** is now the youngest patient to have successfully undergone bilateral RIRS in a single sitting at Jupiter Hospital, Thane.

Her bravery and the dedication of our medical team have resulted in a groundbreaking achievement that will remain etched in our history.



**HARDIKA & HER PARENTS**

**WE CONTINUALLY STRIVE TO PUSH THE BOUNDARIES OF MEDICAL EXCELLENCE, AND WE LOOK FORWARD TO MANY MORE MILESTONES IN THE FUTURE.**