

## **Coverage Dossier(WIP) – August 2025**

**By**



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[Jaipur doctors replace heart valve via electrosurgery in 74-year-old woman](#)



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India's premier news agency

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## **Jaipur doctors replace heart valve via electrosurgery in 74-year-old woman**

JAIPUR: (Aug 6) For the first time in India, doctors at Jaipur's Rajasthan Hospital (RHL) have successfully performed the country's first electrosurgical valve-in-valve mitral procedure, officials said on Wednesday.

The patient, a 74-year-old woman from Jammu and Kashmir's Srinagar, had earlier undergone open-heart surgery for dual valve replacement and was facing heart failure again due to a malfunctioning mitral valve.

The mitral valve is one of four valves in the heart and is located between the heart's upper left (left atrium) and lower left chamber (left ventricle). It directs blood from left atrium to left ventricle.

|                              |                        |
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| <b>The Times of India</b>    |                        |
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## [City docs replace heart valve via electrosurgery in woman | Jaipur News - Times of India](#)

The screenshot shows the header of The Times of India website. It includes a 'Edition' dropdown, a 'IN' flag, a language dropdown, a location 'Bengaluru', a weather icon showing '23°C', and a 'Subscribe' button. Below the header is a navigation bar with 'City' (highlighted in red), 'Jaipur', 'Mumbai', 'Delhi', 'Bengaluru', 'Hyderabad', 'Kolkata', 'Chennai', 'Agra', 'Agartala', 'Ahmedabad', 'Ajmer', and 'Amaravati'. Below the navigation bar are links for 'Rajasthan Elections', 'Photos', and 'Weather'. The main news navigation shows 'News' > 'City News' > 'Jaipur News' > 'City Docs Replace Heart Valve Via Electrosurgery In Woman'. The main headline is 'City docs replace heart valve via electrosurgery in woman'. Below the headline is the date 'Aug 07, 2025, 01:13 IST'. To the right are sharing and follow buttons. A sidebar on the left features a map of Jaipur with a red location pin and the text 'TOI JAIPUR NEWS'. The main article text discusses the first electrosurgical valve-in-valve mitral procedure at Jaipur's Rajasthan Hospital.

malfunctioning mitral valve.

The mitral valve is one of four valves in the heart and is located between the heart's upper left (left atrium) and lower left chamber (left ventricle). It directs blood from left atrium to left ventricle.

According to officials, the doctors in Srinagar and Delhi ruled out conventional surgery due to her age and fragile health condition.

Subsequently, the family approached the private hospital in Jaipur for treatment, where the surgery

Dr Ravindra Singh Rao, chairman of RHL Heart Centre, and his team operated on her using an

"Using a minimally invasive catheter-based approach, the team employed precision electrosurgical technique,

tools, including a fine electrified wire, to precisely open part of the malfunctioning mitral valve and implant a new one, all without opening the chest," Dr Rao said in a release. This procedure is informally referred to as the Batman procedure, as a catheter with a deflated balloon is inserted into the patient's blood vessel to repair or replace the mitral valve. The shape of the balloon resembles Batman's cape, hence the surgery is called the Batman procedure. PTI

| TheWeek                      |                        |
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[Jaipur doctors replace heart valve via electrosurgery in 74-year-old woman](#)

**THE WEEK** MAGAZINE ▾

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## Jaipur doctors replace heart valve via electrosurgery in 74-year-old woman

PTI | Updated: August 06, 2025 16:48 IST



Jaipur, Aug 6 (PTI) For the first time in India, doctors at Jaipur's Rajasthan Hospital (RHL) have successfully performed the country's first electrosurgical valve-in-valve mitral procedure, officials said on Wednesday.

The patient, a 74-year-old woman from Jammu and Kashmir's Srinagar, had earlier undergone open-heart surgery for dual valve replacement and was facing heart failure again due to a malfunctioning mitral valve.

The mitral valve is one of four valves in the heart and is located between the heart's upper left (left atrium) and lower left chamber (left ventricle). It directs blood from left atrium to left ventricle.

According to officials, the doctors in Srinagar and Delhi ruled out conventional surgery due to her age and fragile health condition.

Subsequently, the family approached the private hospital in Jaipur for treatment, where the surgery was performed.

Dr Ravindra Singh Rao, chairman of RHL Heart Centre, and his team operated on her using an advanced electrosurgical technique.

"Using a minimally invasive catheter-based approach, the team employed precision electrosurgical tools, including a fine electrified wire, to precisely open part of the malfunctioning mitral valve and implant a new one, all without opening the chest," Dr Rao said in a release.

This procedure is informally referred to as the Batman procedure, as a catheter with a deflated balloon is inserted into the patient's blood vessel to repair or replace the mitral valve. The shape of the balloon resembles Batman's cape, hence the surgery is called the Batman procedure.

| NDTV Rajasthan        |                 |
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## Rajasthan: सिरु एक तार से बदल सदया सदल का वाल्व, देश में पहली बार 'बैटमैन प्रक्रिया' से हुआ अनोखा इलाज

NDTV  
Rajasthan

लोग | राजस्थान न्यूज़ | Rajasthan: सिरु एक तार से बदल दिया दिल का वाल्व, देश में पहली बार 'बैटमैन प्रक्रिया' से हुआ अनोखा इलाज

Electrosurgery In India: इसे 'बैटमैन प्रक्रिया' भी कहा जाता है, क्योंकि इसमें उपयोग होने वाला गुबारा बैटमैन की टोपी जैसा होता है. इस प्रक्रिया के बाद मरीज को जल्द ही छुट्टी दे दी गई और वह सामान्य जीवन जी रही है.

Reported by: [प्रतिपादा शिखल](#) | Edited by: [प्रतिपादा शिखल](#) | Rajasthan News | 07, 2025 08:49 am IST

Read Time: 2 mins



जयपुर में टॉटर्स ने बैटमैन प्रक्रिया से बुद्धु महिला को हठय वाल्व बदला. (प्रतीकात्मक तस्वीर)

**Rajasthan News:** राजस्थान की राजधानी जयपुर में टॉटर्स ने ऐसा कारनामा कर दिखाया है, जो अब तक सिर्फ मैटिकल जर्नल्स में ही पढ़ने को मिलता था. यहां के राजस्थान अस्पताल (RHL) में 74 साल की एक बुजुर्ग महिला का दिल का वाल्व बिना सीना चीरे लगाए किया गया. इसके सर्जरी के लिए एक खास तकनीक 'इलेक्ट्रोसर्जरी' का इस्तेमाल किया गया, जो देश में इस तरह की यह पहली प्रक्रिया मानी जा रही है.

पहले हो चुकी थी ओपन हार्ट सर्जरी

| Business Standards    |                 |
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[\*\*Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients\*\*](#)

# Business Standard

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## Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients



*Dr. Ravinder Singh Rao, Chairman, RHL Heart Centre & Head - TAVI Program.*

| ANI                   |                 |
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## Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients



Dr. Ravinder Singh Rao, Chairman, RHL Heart Centre & Head - TAVI Program.

### **Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients**

ANI | Updated: Aug 08, 2025 15:31 IST

VMPL

New Delhi [India], August 8: Doctors at Rajasthan Hospital Limited (RHL), Jaipur have successfully performed India's first electrosurgical valve-in-valve mitral procedure, informally called the "Batman Procedure", giving a 74-year-old woman from Srinagar a new lease on life.

Fatima Bano, who had previously undergone open-heart surgery to replace two valves, was once again facing heart failure. Medical investigations revealed her mitral valve was failing, but her advanced age and health condition made her too high-risk for another conventional open-heart surgery, according to specialists at Srinagar and AIIMS, New Delhi. With her condition worsening and traditional surgery deemed too risky, her family turned to Dr. Ravinder Singh Rao, Chairman, RHL Heart Centre & Head - TAVI Program.

Dr. Rao and his team performed the complex procedure using an advanced electrosurgical technique. Using a minimally invasive catheter-based approach, Dr. Rao's team employed precision electrosurgical tools, including a fine electrified wire, to precisely open part of the malfunctioning mitral valve and implant a new one, all without opening the chest. This complex but swift procedure, rarely attempted in such high-risk patients, enabled Fatima to walk within days and return home to her routine life shortly after.

"This case proves that even elderly, high-risk patients can receive transformative

|                              |                        |
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| <b>The Tribune</b>           |                        |
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## **Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients - The Tribune**



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| Lokmat Times          |                 |
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## [Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients](#)



### **Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients**

By ANI | Updated: August 8, 2025 15:39 IST



VMPL New Delhi [India], August 8: Doctors at Rajasthan Hospital Limited (RHL), Jaipur have successfully performed India's first electrosurgical ...



[Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients](#)

VMPL

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| Newsdrum                     |                        |
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[Jaipur doctors replace heart valve via electrosurgery in 74-year-old women...](#)



National

## Jaipur doctors replace heart valve via electrosurgery in 74-year-old woman

NewsDrum Desk  
06 Aug 2025 16:40 IST

Follow Us

Jaipur, Aug 6 (PTI) For the first time in India, doctors at Jaipur's Rajasthan Hospital (RHL) have successfully performed the country's first electrosurgical valve-in-valve mitral procedure, officials said on Wednesday.

The patient, a 74-year-old woman from Jammu and Kashmir's Srinagar, had earlier undergone open-heart surgery for dual valve replacement and was facing heart failure again due to a malfunctioning mitral valve.

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| Businessnewsthisweek         |                        |
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## [Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients | Business News This Week](#)



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# Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients

August 7, 2025 Sourav health 0



**National, August 7, 2025:** Doctors at Rajasthan Hospital Limited (RHL), Jaipur have successfully performed India's first electrosurgical valve-in-valve mitral procedure, informally called the "Batman Procedure", giving a 74-year-old woman from Srinagar a new lease on life.

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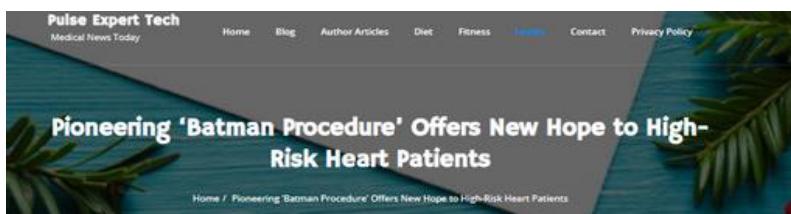
Dr. Rao and his team performed the complex procedure using an advanced electrosurgical technique. Using a minimally invasive catheter-based approach, Dr. Rao's team employed precision electrosurgical tools, including a fine electrified wire, to precisely open part of the malfunctioning mitral valve and implant a new one, all without opening the chest. This complex but swift procedure, rarely attempted in such high-risk patients, enabled Fatima to walk within days and return home to her routine life shortly after.

"This case proves that even elderly, high-risk patients can receive transformative treatment with the right tools and expertise," said Dr. Rao.

This case represents a significant milestone in India's cardiovascular care landscape: the nation's first electrosurgical valve-in-valve intervention for a failed mitral valve in a previously operated patient. The procedure demonstrates the possibility of safely treating complex heart valve disease in elderly, high-risk patients once deemed inoperable.

Heart valve disease remains a major but underdiagnosed health challenge among India's elderly population, particularly women. This breakthrough highlights the transformative potential of cutting-edge cardiac care for those with limited treatment options.

## Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients | Pulse Expert Tech



Aug 7, 2025 / By admin / health

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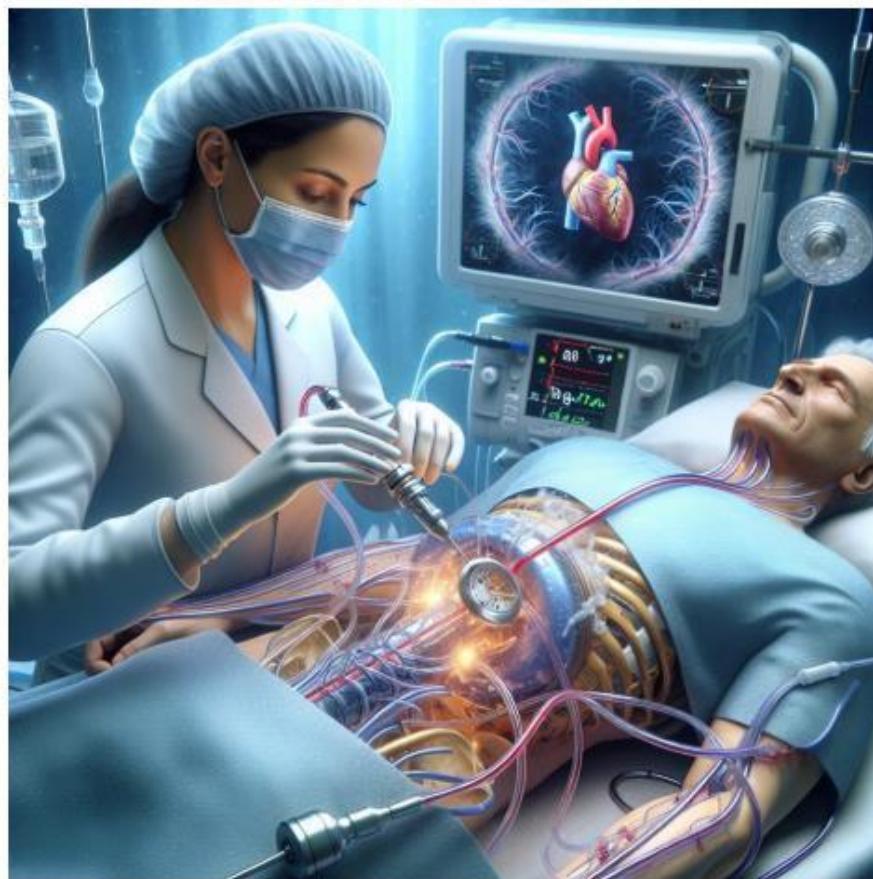
## [India's First Electrosurgical Valve-in-Valve Mitral Procedure: A Medical Marvel](#)



# India's First Electrosurgical Valve-in-Valve Mitral Procedure: A Medical Marvel

Doctors at Jaipur's Rajasthan Hospital have successfully performed India's first electrosurgical valve-in-valve mitral procedure on a 74-year-old woman from Srinagar. The patient previously underwent open-heart surgery and faced heart failure due to a malfunctioning mitral valve. This innovative minimally invasive surgery is known as the Batman procedure.

Devdiscourse News Desk | Jaipur | Updated: 06-08-2025 16:48 IST | Created: 06-08-2025 16:48 IST



This image is AI-generated and does not depict any real-life event or location. It is a fictional representation created for

| Big News Network      |                 |
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## [Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients](#)



# Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients

ANI PR Wire  
8th August 2025, 20:15 GMT+11



VMPL

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**Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients**

# Indian Economic Observer

## Pioneering 'Batman Procedure' Offers New Hope to High-Risk Heart Patients

Aug 08, 2025



VMPL

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# THANK YOU!

