

Robotic surgery done on woman with pancreatic cancer

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The Department of Surgical Gastroenterology, Jawaharlal Institute of Postgraduate Medical Education and Research (Jipmer), has performed a complex robotic surgery for pancreatic cancer on a 38-year-old woman.

The woman was admitted to Jipmer with abdominal pain. Investigations revealed that she was suffering from advanced pancreatic cancer involving the large blood vessel called celiac artery, which supplies blood to the liver, spleen, stomach and parts of the pancreas, a press release from the institute said.

After three cycles of second-line chemotherapy, the tumour reduced in size, though it still involved the celiac artery. At this stage, the surgical team

performed a 10-hour 'distal pancreatectomy with celiac axis resection' to remove the cancerous part, the release said.

In this procedure, the spleen and nearly two-thirds of the pancreas are removed along with the celiac artery. A critical step in this surgery is to preserve blood supply to the liver and stomach, which are also supplied by this artery, through alternate blood pathways. The surgery was performed by a team of doctors, including Kalayarasan and Biju Pottakkat, both from the Surgical Gastroenterology Department.

Praising the team, Jipmer Director Rakesh Aggarwal said the procedure was performed only in a few centres. Medical Superintendent L.N. Dorairajan said doctors at Jipmer had performed more than 1,400 robotic surgeries.

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Jipmer surgeons perform complex robotic surgery on cancer patient

A team of surgeons from Jawaharlal institute of postgraduate medical education and research (Jipmer) successfully performed a complex robotic surgical procedure for pancreatic cancer on a 38-year-old woman. The woman was diagnosed with an advanced pancreatic cancer involving a large blood vessel (celiac artery), which supplies blood to liver, spleen, stomach, and parts of pancreas. The team performed the complex 'distal pancreatectomy with celiac axis resection' and removed the parts affected by cancer.