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Astroguide Prayers (Macca Masjid)

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AIMS doctors make key finding in neonatal care

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Doctors at the Amrita Institute of Medical Sciences (AIMS) have made a significant advancement in neonatal care by developing a method to identify whether a child having diaphragmatic hernia will survive after surgery or not.

Diaphragmatic hernia is a birth defect because of which the intestines get into the chest and cause underdevelopment of the lungs while the child is in the uterus.

If lung development is poor, then the child will not

survive, even after surgery.

Doctors of the pediatric surgery department of the AIMS under the leadership of Dr Mohan Abraham have discovered a new indicator to predict whether the child will survive after surgery and for how long the child will need artificial respiration.

This indicator is the urinary bladder pressure of the child immediately after surgery. The higher the pressure, the lesser the chances of survival, doctors found.

"If the pressure is below 10 cm of water, chances of survival are very high and artificial respiration need be given for only 3 to 4 days.

If it is between 10 cm and 15 cm, then chances are not so bright and in cases of above 15 cm, chances are very bleak," said Dr Mohan Abraham.

He said that the defect can be identified through ultra sound scanning before birth. Only children who can survive through artificial respiration are subject to surgery.

The finding was published in the Indian Journal of Pediatric Surgery. It was also presented at the last world Congress of Pediatrics in South Africa.

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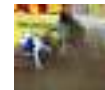
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