

# Locked Twin - A Rare Complication - Encountered Twice Over a Span of 7 days

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Locked twin is a very rare phenomena complicating in 817 to 1 in 1000 twins. Locking results when one foetus presents by vertex and other by breech, both vertex

suspected to have twin pregnancy that was confirmed by X-ray on 26.8.96 as both presenting by vertex. On 7.9.96 she went in labour. Inspite of good contractions



Fig.-1, Both Vertex, one in advance of other in the pelvis.



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one in advance of other in the pelvis; 1st vertex or breech and 2nd transverse. Unlocking under anaesthesia or sacrificing the 1st baby or caesarean section is the outcome. Here is report of two such cases of locked twin received within 7 days in the same unit at Eden Hospital, Calcutta.

Mrs. Kakali Das, 28 yrs. H. F. 289 PO + O R/N 4281 was admitted with false pains at Eden Hospital on 24.8.86. Her L.M.P. - 24th Poush, E. D. D. was on 10th Bhadra. On examination she was clinically

Vx. was 2/5 palpable. P/V - Cx - completely taken up nearly fully dilated. Station O. This finding remained unchanged for 2 hrs. Vx was O.P., pushed to right (rather compressed from left side), with a gap on left side where the Cervix was not well applied to head on right side. Through this gap another head could be palpated with difficulty, high up in the pelvis. So it was diagnosed to be a case of locked twins with both vertex presentations, one in advance of other. Babies were delivered by C/S on 7.9.96 at 16-27 hrs. 2.7 Kg.(F) 1.9 Kg. (M). Her post operative phase was uneventful. The proud mother

was discharged with two babies in good health.

Mrs. S.M. 30 yrs. P1+0, a diagnosed case of a twin pregnancy was admitted with labour pains, Duration of pregnancy was 37 Wks. 2 days.

O/E Contraction + FSH + at two different places, one above & below umbilicus P/V - Cx - 7 cm dilated completely taken up, complete breech, Membranes + Progress of labour was satisfactory. After 3 hrs. she was taken on the labour table for assisted breech delivery. Foetus was delivered upto umbilicus, thereafter no progress.

Examination revealed head of second twin lying by the

side of 1st one in the pelvis. Patient was put under anaesthesia, 2nd head was dislodged. First baby, female 21 kg. was delivered grossly asphyxiated (Apgar 3-8, resuscitated) followed by delivery of 2nd twin (F) 1.8 Kg.

Both the babies were well & mother was discharged in good health after 4 days.

Incidence of twin pregnancy is in the order of 0.001%, amongst them locking of twins seen in 1 in 817 to 1000 twins. Such a rare occurrence was encountered two times within a week - obviously report worthy.