

JACK IN THE BOX

DR.R.PRASANNA

CONSULTANT PEDIATRICIAN

A.G HOSPITALS



- 31 MARCH 2011 4 PM
- 2 YR OLD BOY
- ACCIDENTALLY SLIPPED HIS HEAD INTO AN UTENSIL WHILE PLAYING
- ALUMINIUM UTENSIL WITH A THICK RIM
- STUCK INTO HEAD FOR PAST ONE HOUR
- OIL AND SOAP WATER ATTEMPTED BY RELATIVES



BABY JACKSON WITH MOTHER

ON EXAMINATION

- FATIGUED, IRRITABLE ON ATTEMPTS TO REMOVE THE UTENSIL
- VITALS STABLE
- IV LINE ACCESS WAS DIFFICULT
- UTENSIL FREELY MOVED TILL NECK BUT GOT STUCK NEAR EYES
- DID NOT COME OUT OF HEAD IN ANY AXIS
- PANIC INCREASED AFTER EACH UNSUCCESSFUL ATTEMPT



BOY BECAME DROWSY AS TIME PASSED BY

- 4.45 PM
- ANESTHETIST WAS CALLED IN
- IV ACCESS WAS GAINED
- TRACHEOSTOMY TRAY WAS KEPT READY
- FRANTIC CALLS MADE TO SENIOR PERSONS
- AS CHILD RECEIVED REHYDRATION, THE TEAM DISCUSSED VARIOUS OTHER OPTIONS

- 5.15 PM
- **WELDING PERSONALS**
MOVED INTO
CASUALITY
- THEY WERE
CONCERNED AS CHILD
MAY BE INJURED IF
IRRITABLE
- IM KETAMINE WAS
GIVEN



PLAN

- IT WAS DECIDED TO MAKE A HOLE ON THE BASE OF THE UTENSIL.
- THEN IT WAS PLANNED TO CUT A ROUND PORTION OF THE BASE OF THE UTENSIL.
- USING THIS PORTION THEN IT WAS PLANNED TO CUT ALONG THE SIDES.



FIRST WELDER MAKES AN HOLE IN THE BASE



THEN A ROUND PORTION WAS CUT IN BASE



FINALLY THE SIDES REQUIRED An ELECRICAL CUTTER

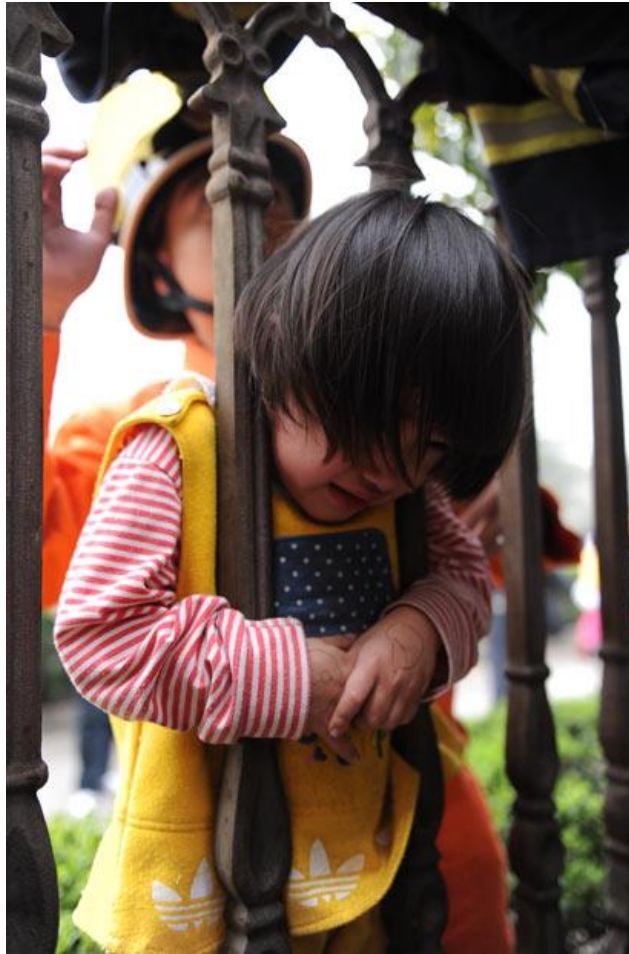
- 7 PM
- UTENSIL WAS REMOVED FROM CHILDS HEAD
- WAS VERY DROWSY AND DEHYDRATED AFTER THE ORDEAL.
- GIVEN ONE DAY IV FLUIDS AND DISCHARGED HOME THE NEXT DAY.
- ON FOLLOW UP NORMAL.

LITERATURE SEARCH WAS FUTILE

- UTENSILS, VESSELS, POT, KITCHEN WARE
- STUCK IN HEAD, CAUGHT IN HEAD
- GOT STUCK IN HEAD, GOT CAUGHT IN HEAD



OTHER FORMS



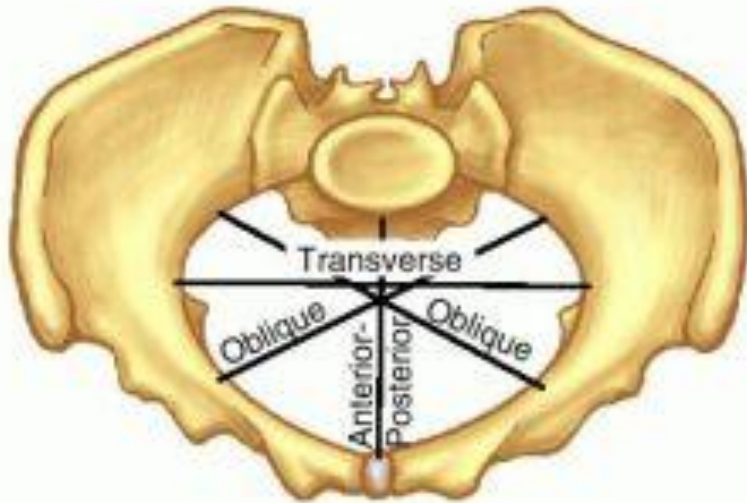
11 MAY, PITAMBARA, N.INDIA



WHAT TO DO IN THIS SITUATION?

- IF THE UTENSIL COVERS THE HEAD TOTALLY ?
- HOW TO GAIN AIRWAY ACCESS IN THESE SITUATIONS ?
- WHAT DRUG CAN BE USED FOR SEDATION ?
- WHAT WOULD HAVE HAPPENED IF THE UTENSIL IS MADE OF BRASS OR STAINLESS STEEL !!

LABOUR GIVES US AN IDEA !

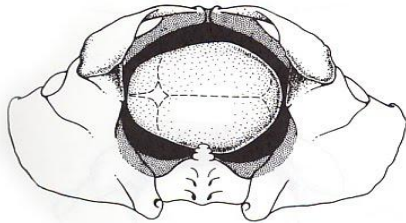


- LARGEST PELVIC DIAMETER DURING LABOUR IS TRANSVERSE DIAMETER
- COMPARE THIS WITH AN UTENSIL NECK
- WE CAN COMPRESS ITS NECK TO MAKE IT OVAL AND GIVE A TRANSVERSE DIAMETER!

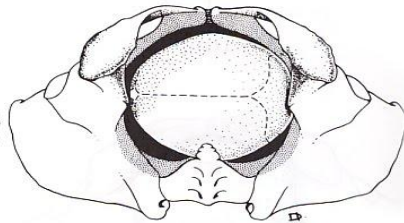
LABOUR GIVES US AN IDEA !

VARIOUS DIAMETERS IN Cm

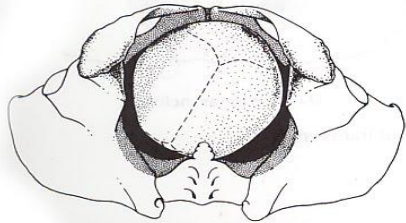
- OCCIPITO FRONTAL 11.5
- SUB OCCIPITO BREGMATIC AND SUBMENTO BREGMATIC 9.5
- SUBMENTO VERTICAL 11.5
- MENTO VERTICAL 13.5



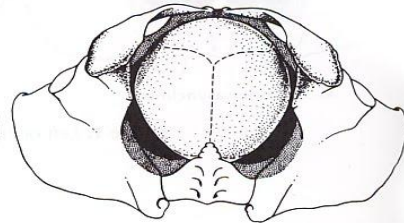
A. Onset of labor.



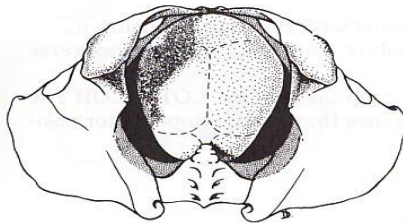
B. Descent and flexion.



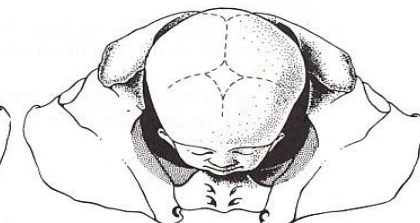
C. Internal rotation: LOT to LOA.



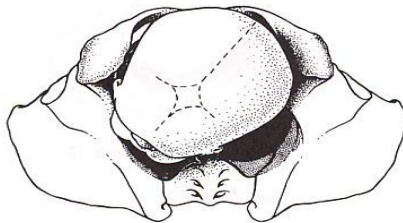
D. Internal rotation: LOA to OA.



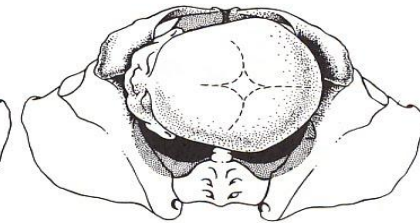
E. Extension beginning.



F. Extension complete.



G. Restitution: OA to LOA.



H. External rotation: LOA to LOT.

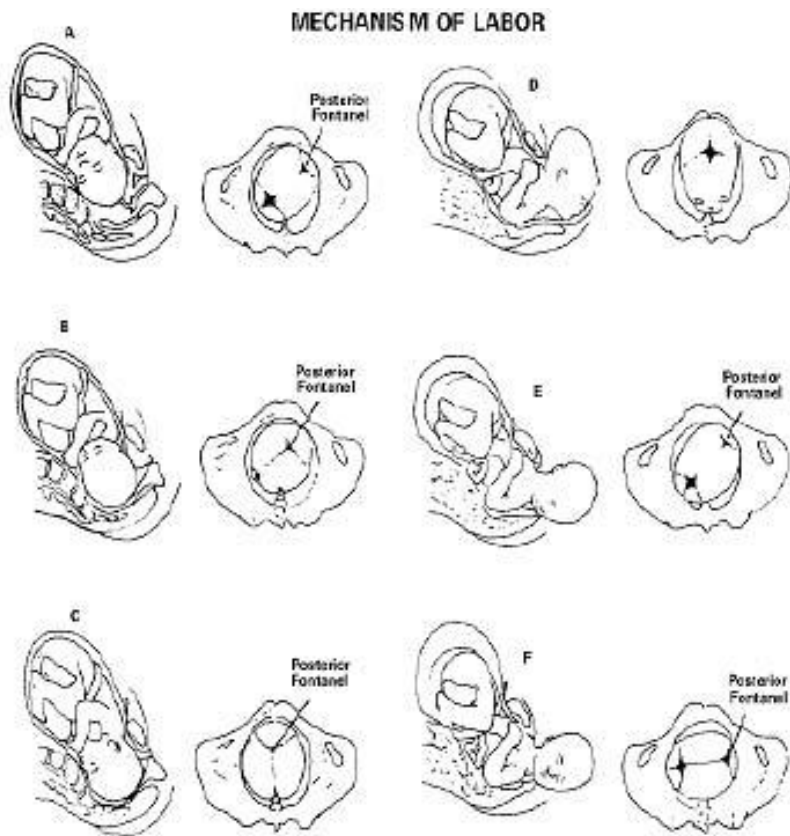
LABOUR GIVES US AN IDEA !

THE PROBLEM FOR US IS

- NO PUSH FROM ABOVE
- SKULL IS NOT MOLDABLE
- NO LIGAMENTS TO LAX

- STILL WE CAN USE THIS IDEA WHERE WE CANT CUT RIMS AT ALL

- CUT THE TOP AND USE HANDS TO PUSH



THANK YOU!

