WORKING PROFORMA

TOPIC - LIVER DYSFUNCTIONS IN SEVERE BIRTH ASPHYXIA

Mother's Name : Case No.
Age of Baby : MRD No.
Sex : D.O.A.

ANTENATAL HISTORY

Pre-eclampsia
Eclampsia
Septicemia
Diabetes
APH
Convulsions

NATAL HISTORY

Presentation :
Mode of delivery : Vaginal/Forcep/Caesarean
History of any Medication :
given during delivery .

POSTNATAL HISTORY :

Any Medication used :
Apgar scoring :

<table>
<thead>
<tr>
<th>1 minute</th>
<th>5 minute</th>
</tr>
</thead>
</table>

Colour
Heart rate
Respiratory rate
Response to Stimuli
Muscle tone
EXAMINATION OF BABY

Assessment of Gestational Age

1. Last Menstrual Period
2. Morphological Examination
3. Neurological Examination

Anthropometric Examination

<table>
<thead>
<tr>
<th>Weight</th>
<th>kg.</th>
<th>Head Circumference</th>
<th>cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>cm.</td>
<td>Chest circumference</td>
<td>cm</td>
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</table>

General Examination

General appearance Any congenital anomaly
Colour Head ---- Caput/ Cephal Haematoma
Cry Face
Activity Neck
Posture Skin ---- Icterus

Systemic Examination

Cardiovascular System :
Respiratory System :
Abdominal Examination :
Central Nervous System :
  Moro's reflex Glabellar Tap
  Rooting Sucking
  Swallowing Palmar grasp
  Plantar

INVESTIGATION

1. Serum Bilirubin
2. Alkaline Phosphatase
3. S.G.O.T.
4. S.G.P.T.
5. Other investigations whenever needed.
<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>0</th>
<th>1</th>
<th>Score</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>II. NEUROLOGICAL</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>a. Posture</td>
<td>Arms and legs extended</td>
<td>Beginning of flexion of hips and knees</td>
<td>1</td>
<td>Strong flexion of leg and some flexion of arms.</td>
<td>Leg flexed and abducted while arms completely flexed.</td>
</tr>
<tr>
<td>b. Arm recoil</td>
<td>No recoil or only random movements.</td>
<td>Arm returns to incomplete flexion</td>
<td>180°</td>
<td>Arm briskly returns to full flexion.</td>
<td>or sluggish response.</td>
</tr>
<tr>
<td>c. Popliteal angle</td>
<td>180°</td>
<td>180-150°</td>
<td>150-120°</td>
<td>120-90°</td>
<td></td>
</tr>
<tr>
<td>d. Head lag</td>
<td>Complete head lag</td>
<td>Partial head control</td>
<td></td>
<td>Able to maintain head in the line with body anterior to body.</td>
<td>Bring head</td>
</tr>
<tr>
<td>e. Glabellar tap</td>
<td>Absent</td>
<td>Weak response</td>
<td></td>
<td>Brisk response.</td>
<td></td>
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</table>

Physical Score: 0-6, Neurological Score: 0-13, Combined Total Score: 0-29.

**Relationship between combined total score with gestational age.**

<table>
<thead>
<tr>
<th>Gestation (weeks)</th>
<th>Combined total score</th>
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<tbody>
<tr>
<td>28</td>
<td>9</td>
<td>35</td>
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