Appendix II

PERFORMA

Title: Identification and Molecular Characterization of Mutations and Polymorphism in UGT1A1, OATP and G6PD Genes in Term and Late-Preterm Neonates with Severe Hyperbilirubinemia

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name</th>
<th>CR No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOB</td>
<td>TOB</td>
<td>DOA</td>
</tr>
<tr>
<td>Inborn/Outborn</td>
<td>Sex</td>
<td>male/female</td>
</tr>
<tr>
<td>Annual No.</td>
<td>I/O No.</td>
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</tbody>
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Father’s Name

Address               Place of origin

Phone No: -

History

Family history: Jaundice/Anemia/splenectomy/G6PD deficiency

Jaundice in the previous sib    Yes/No

If Yes: Onset of Jaundice on day

Max TSB
Cause
Intervention
Outcome

Consanguinity    Yes/No

Antenatal:

Gravida     Para
Medical illness:
Obstetrical illness: PIH/eclampsia /GDM
Others
Drugs: Vit K/nitrofurantoin /sulfonamides/antimalarial
Penicillin/oxytocin / ampicillin
Others

Dose     Duration
Natal:

Mode of delivery
Place of delivery - home/hospital
Oxytocin: Yes/No
   If yes: Dose
   Vehicle
   Duration

Anesthesia: General/ Spinal/ Epidural
   Drugs used

Birth Asphyxia
   Apgar 1 min., 5 min., 10 min.
   If Apgar not known, first breathe at
   first cry at
   Status after birth
   Resuscitation O2/Bag & Mask/Intubation

Feeding: Pre-lacteal feeds:
   1st feed at
   Breast-feeds Yes/No
   Top Milk Yes/No
   If yes: - Type, proportion of total feed

Stooling: No. of times for day
   Quality

Medications: Oral Drugs:
   Injections:
   Local Application:

Jaundice: Onset
   Total duration before admission/enrollment

Clinical Examination

Any signs of systemic illness:

Temperature

Gestation: by LMP
   by NBS

Present weight Birth weight
Max wt. loss -------------% on-------------------day

AGA/SGA/LGA
Head circumference

Signs of dehydration

Pallor Yes/No

Icterus: Up to abdomen/thighs/ankle/sole & palms

Cephalhematoma / Subgaleal bleed /bruising

Any external bleed:

Liver Spleen

Kernicterus Yes/No

If yes: stage

Age of manifestation

**Investigations:**

Blood group: Baby Mother DCT

Total Serum bilirubin (TSB) and packed cell volume (PCV):

<table>
<thead>
<tr>
<th>Date and time</th>
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</thead>
<tbody>
<tr>
<td>Hours of life</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSB</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PCV</td>
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</tbody>
</table>

Max total Serum bilirubin------------------------at age---------------------- Conjugated

Fraction------------------------, % of total-----------------------

Reticulocyte count

Peripheral blood film

G6PD enzyme activity screening assay

Quantitative assay

Thyroid function tests: T3

T4
TSH

Sepsis screen

Blood c/s Urine c/s

CSF Examination

Genotype

Promoter area:

Gly71Arg:

G6PD: Mediterranean

Orissa

Management

Phoitherapy stated on
stopped on
total duration in hours

Exchange transfusion: done/not done

If yes on day --------------
No. of times---------
Pre exchange TSB/PCV
Donor blood group
G6PD Assay of donor blood.