Appendix E Clinical questions		
I.	RECOGNITION	
_	Thich factors affect the relationship between neonatal hyperbilirubinaemia ernicterus or other adverse outcomes (neurodevelopmental, auditory)?	
	tors which can be identified before birth and at birth/initial assessment (e.g tational age, ethnicity, history of previous baby treated for hyperbilirubinaer	
sepsis		
	dosis) That is the best method of recognizing hyperbilirubinaemia?	
~		
at the	at is the accuracy of following tests in recognising neonatal hyperbilirubinae primary and secondary level? (TSB as the reference standard for all tests Clinical history and examination	
b)	Urine/stool examination	
c)	Icterometer	
d)	Transcutaneous bilirubin levels	
ii) Fo	r home visits – timing, frequency of testing	
iii) by	parents/carers.	
_	Then should a baby with hyperbilirubinaemia be referred for further testing	
,011110	a distribution.	
	at are the indications for further testing/formal assessment in a baby with tal hyperbilirubinaemia?	
ii) Wł	nen should this assessment be carried out?	
TT	DIACNOSIS	
II.	DIAGNOSIS	
~	That should be included in a formal assessment of a baby with neonatal bilirubinaemia?	
i) Wh	at are the elements of a formal assessment in a baby with neonatal	
• •	bilirubinaemia?	
,	Clinical examination	
	Total and split bilirubin	
c)		
,	Urine tests Biochemical tests (bilirubin/albumin ratio, other relevant tests)	
6)	Diochemical tests (officioni/aloumini fatto, other relevant tests)	

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1 2	ii) What is the clinical and cost effectiveness of the tests carried out during formal assessment?			
3				
4	Q5. How useful are the following tests in predicting neonatal hyperbilirubinaemia?			
5	a) Cord bilirubin levels			
6	b) Transcutaneous bilirubin levels			
7	c) Timed S. Bilirubin levels			
8	d) End tidal CO levels			
9	e) Nomograms			
10	f) Risk index assessment			
11				
12	i) What is the accuracy of these tests in predicting neonatal hyperbilirubinaemia?			
13				
14	ii) What is their effectiveness (clinical & cost) in predicting hyperbilirubinaemia and			
15	preventing morbidity/mortality?			
16				
17				
18	III. MANAGEMENT			
19				
20	Q6. Phototherapy			
21				
22	i) How effective is phototherapy?			
23	, 1			
24	ii) What is the best modality of giving phototherapy (clinical & cost-effectiveness)?			
25	a) Conventional phototherapy (single, double or multiple phototherapy)			
26	b) Sunlight			
27	c) Fibreoptic phototherapy (biliblankets, bilibeds and other products)			
28	c) Thereoper photomerupy (emeruments, emerum amar products)			
29	iii) What are the criteria/indications for starting and stopping phototherapy in babies			
30	with neonatal hyperbilirubinaemia?			
31	with neonatal hyperonical materials.			
32	iv) What is the correct procedure of giving phototherapy?			
33	Focus on the method of feeding/types of feed, incubator/bassinet care, effect of			
34	intermittent vs. constant method on maternal-infant bonding, parental anxiety			
35	intermittent vs. constant method on maternal-main bonding, parental anxiety			
36	Q7. Is it beneficial to give additional fluids (cup feeds, fluids) during treatment with			
37	phototherapy?			
38	photomerapy:			
39	What is the effectiveness of nutritional support and/or rehydration during treatment			
40	with phototherapy in babies with neonatal hyperbilirubinaemia?			
40 41	a) Oral – top milk feeds by bottle/cup/spoon or other liquids (water/juice)			
	b) Parenteral – IVF			
42	b) Paremeral – IVF			
43	Of Euchana tumofosian			
44 45	Q8. Exchange transfusion			
45	i) How offertive is evaluated they of the in 0			
46	i) How effective is exchange transfusion?			
47	::\ What is the heat mathed (single-release death-rel			
48	ii) What is the best method (single volume vs. double volume exchange)?			
49	What are the enterior in direction of the control o			
50	iii) What are the criteria/indications for carrying out an exchange transfusion?			

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1			
	Q9. W	hat are the other ways of treating hyperbilirubinaemia? Are they effective?	
3 4	What i	s the effectiveness of the following interventions in treating neonatal	
	hyperbilirubinaemia/preventing kernicterus?		
5	• 1	Metalloporphyrins	
	b)	Gammaglobulins	
	c)	Drugs (phenobarbitol, clofibrate, cholestyramine)	
	d)	Agar, charcoal	
	e)	Suppositories, other rectal modes of treatment	
	f)	Complementary/alternative medicines (Chinese herbal remedies like Yin-chin)	
	IV.	MONITORING & FOLLOW-UP	
	Q10. I	How to monitor a baby with jaundice?	
	i) Wha	at are the appropriate criteria for monitoring (timing, frequency) of babies with	
jaundice who are at lower risk of developing neonatal			
	-	pilirubinaemia/kernicterus?	
	JI		
	ii) Wh	at are the appropriate criteria for monitoring (timing, frequency) of babies	
	diagno	sed with neonatal hyperbilirubinaemia who do not require immediate	
	treatm	ent?	
	~	When to discharge a baby treated for hyperbilirubinaemia? What follow-up is	
	requir	ed?	
	:\ \\ \\\	A in the communicate original for discharge of helping to said for many tall	
i) What is the appropriate criterion for discharge of babies treated for neonatal hyperbilirubinaemia?			
	пуреги	omruomaemia?	
	ii) Wh	at is the appropriate timing/frequency of follow-up?	
	11) ** 11	at is the appropriate thining/frequency of follow-up:	
	V.	INFORMATION	
	•	IN ORWINION	
	013. T	What information and support should be given to parents/carers of babies	
		eonatal hyperbilirubinaemia?	
		At the time of birth	
	,	At the time of recognition of jaundice (FOR ALL BABIES)	
		At the time of formal assessment/diagnosis	
	d)	During monitoring	
	e)	During treatment with phototherapy and other interventions	
	f)	At discharge and follow-up	