GuMIBear Study

Study ID: GMB: _____

^**999** – missing data; **0** – no data in medical notes

CASE RECORD FORM

Stool Sample Collections

Period/ Time Frame		Projected Date	Sample Date	Sample Collected	Comments
1.	Within 24h of Birth			☐ YES ☐NO	
2.	Pre-operatively			☐ YES ☐NO	
3.	Week 1 of life/Post-Op			☐ YES ☐NO	
4a.	Week 4 to 8 life/Post-op			☐ YES ☐NO	
4b.	**Urine** Sample Week 4 to 8			☐ YES ☐NO	
5.	Week 24 of life/Post-Op			☐ YES ☐NO	
6.	Week 52 of life/Post-Op			☐ YES ☐NO	
7.	Year 2 of life/Post-Op			☐ YES ☐NO	

PATIENT DEMOGRAPHIC

Date of Enrolment:	Date of Birth:	Cardiac Classification Group No:
Gender: ☐ Male ☐ Female ☐ Other/Ambiguous	Gestational Age: APGAR at ① ⑤ min	Multiple ☐ Yes ☐ No Birth Order:

Reason for admission:

Comorbidities:

Mode of Delivery: SVD: ☐Yes ☐No LSCS: ☐Yes ☐No, if Yes: ☐Elective/ ☐Emergency	Weight at Birth: ____ . ____ KGs Head Circumference: ____ cms
Antibiotics to Infant post-delivery; ☐ Yes ☐ No If Yes, list:	Timing of cardiac diagnosis: Postnatal ☐ Antenatal ☐

Significant Antenatal Events:

MATERNAL INFORMATION

Maternal Age (years) at Birth:	Gestational Age at Booking Appt:
Antibiotics given Pre-Delivery: ☐ Yes ☐ No List:	Maternal Probiotics taken during pregnancy: ☐ Yes ☐ No List:
Maternal Smoking during Pregnancy: ☐ Yes ☐ No	Other Household Members Smoking during Pregnancy: ☐ Yes ☐ No

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SURGERY INFORMATION

Surgery Date:	
Surgery Performed:	

Pre-Op Antibiotics[1]? List:		Post-Op Antibiotics[1]? List:	
1. Abs <48hrs pre sampling		1. Abs <48hrs pre sampling	
2. Abx <72hrs pre sampling		2. Abx <72hrs pre sampling	
3. Abx in last 7 days/during sample		3. Abx in last 7 days/during sample	

ABG	pH	PO^2		
First Pre-Op ABG:			Cardiopulmonary Bypass Duration:	
First Post-Op ABG:			Aortic Cross Clamp Duration:	
Significant Intraoperative Events:				

[1]Antibiotic treatment at time of stool sampling as below. Important not to include antibiotics which were started post the stool sampling
   1) Abs < 48hrs pre sampling
   2) Abx < 72 hrs pre sampling
   3) Abx in previous 7 days/ during sample collection

POST-OPERATIVE INFORMATION

PIM3 Score:		No. of days in ICU (1st adm):	
Mechanical Vent:	☐ Yes ☐ No	No of Days on ECLS:	
No of Days Vent:		No of Days on RRT:	

Agent	Day 1	Day 2	Day 3
Milrinone			
Epinephrine			
Norepinephrine			
Vasopressin			
Midazolam			
Morphine			
Clonidine			
Others			
Fluid Balance:			
BUN:			
Creatinine:			
HCT:			
Hgb:			

FEEDING INFORMATION

Mode of Feeding (note **date initiated** and **date d/c**):
Breastmilk: Infant Formula: Other:
Prebiotics given to Infant: ☐ Yes ☐ No   Type and Date Given:
Excessive Infantile Crying (cried for >3 Hrs for 3 Days in one week): ☐ Yes ☐ No

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Date Trophic Feeds Commenced:	Type of Feed Used:
Time to Establishment of full feed[2]:	
Development of NEC[3]: Days post-op when developed NEC?	
~~Gut stasis:~~ Not applicable	
Management Strategy:	

[2]Full feed – No longer requires parenteral nutrition or intravenous fluids supplement regardless the TFI.

[3]NEC – Initiation of triple IV antibiotic therapy and nil by mouth for at least 5 days, based on a full surgical review including clinical presentation, radiological and laboratory data.

DISCHARGE INFORMATION

Date of Discharge Ward: Home: RIP:

READMISSION TO ICU

Total ICU Readmission days:

	Date of Admission	Date of Discharge	Total ICU stays	Reason for admission
1.				
2.				
3.				
4.				
5.				

DATA ENTRY BY (NAME)

Admission	Date	Paper	Date	G-Drive
First				
Second				
Third				

Participant Withdrawal from Study: ☐ Yes ☐ No GCP Procedure Followed: ☐ Yes ☐ No See Study Folder Appendix 4.   Signed:_____ Date: _____