

## Supplementary material 1 – Outcomes assessed in Delphi process

Red = outcomes from systematic review one

Blue = outcomes from systematic review two

Black = merged common term

Time to first enteral feed	Time to first enteral feed
Time to first oral feed	
Time to full enteral feed	Time to full enteral feeds
Time to full oral feeds	
Incidence of PN	Parenteral nutrition ever required
Parenteral nutrition ever required	
Duration of PN	Time on parenteral nutrition
Time on parenteral nutrition	Time on <b>total</b> parenteral nutrition
Time on <b>total</b> parenteral nutrition	
Need for PN after discharge	Need for PN post discharge
Parenteral nutrition required post-discharge	
Feeding, initiation of feed in NICU	Feeding, initiation of feed in NICU
Feeding, full feeds at discharge from NICU	Feeding, full feeds at discharge from NICU
Short gut syndrome	Short bowel syndrome
Short Bowel Syndrome	
Bowel lengthening procedure required	Bowel lengthening procedure required
Liver transplantation	Liver transplantation
Neurodevelopmental outcome	Neurodevelopmental outcomes
Neurodevelopmental delay	
Developmental milestones >6m	Developmental milestones >6m
Ever ventilated?	Ventilation ever required
Incidence of ventilation	Post-operative ventilation required
Post-operative ventilation required	Duration of respiratory support
Duration of respiratory support	
Total time on mechanical ventilation	Duration of ventilation
Duration of ventilation	Ventilated beyond 24hr
Ventilated beyond 24hr	
Post closure time on mechanical ventilation	Post closure time on mechanical ventilation
Ventilation, peak inspiratory pressure	Ventilation, peak inspiratory pressure
Ventilation, peak concentration inspired oxygen	Ventilation, peak concentration inspired oxygen
Need for O2 after Discharge	Need for O2 after Discharge
Duration of O2	Duration of O2
Respiratory compromise	Respiratory compromise
Diagnosis of RDS	
Neonatal Respiratory Distress Syndrome	Respiratory distress syndrome
Cholestasis	Cholestasis

Hypothyroidism	Hypothyroidism
Bacteraemia	Bacteraemia
pH, time acidotic	pH, time acidotic
Kidney dysfunction	Kidney dysfunction
Urine output	Urine output
Volume of IV fluid required	Volume of IV fluid required
Blood pressure, mean arterial	Blood pressure, mean arterial
Need for stoma	Need for stoma
Bowel Resection	Bowel Resection
Need for mesh at closure	Need for mesh at closure
Growth outcome	Unspecified measures of growth
Weight gain	Weight<10th centile
Weight<10th centile	Length of hospital stay
Length of Hospital Stay	NICU length of stay
Length of stay	Discharge, NICU to home
NICU length of stay	Total number of GA
Discharge, NICU to home	General anaesthesia, number of days, indication
Total number of GA	Central-line usage ratio (days with central line/hospital days)
General anaesthesia, number of days, indication	Duration of antibiotics
Central-line usage ratio (days with central line/hospital days)	Hospital charge
Duration of antibiotics	Days to abdominal wall closure
Hospital charge	Re-hospitalisation
Days to abdominal wall closure	Infectious complications
Re-hospitalisation	Infection, unspecified or other
Infectious complications	CVC sepsis
Infection, unspecified or other	Infection, central line related
CVC sepsis	Wound infection or breakdown
Infection, central line related	Infection with systemic sequelae
Wound infection or breakdown	Infection free survival
Infection with systemic sequelae	Infection, urinary or respiratory
Infection free survival	Transfusion
Infection, urinary or respiratory	Number of transfusions
Transfusion	Silo Complication
Number of transfusions	Bowel ischaemia
Silo Complication	Ischaemic bowel
Bowel ischaemia	Anastomotic stricture
Ischaemic bowel	Anastomotic stricture
Anastomotic stricture	Perforation
Anastomotic stricture	Intestinal perforation
Perforation	Intra-abdominal pressure
Intestinal perforation	Intra-abdominal pressure
Intra-abdominal pressure	Abdominal compartment syndrome
Abdominal compartment syndrome	Abdominal compartment syndrome

NEC  
NEC  
Stoma complication  
Obstruction  
Adhesional small bowel obstruction  
TPN liver disease  
Intestinal Failure Associated Liver  
Disease  
Re-operation  
Unplanned surgery  
Unplanned reoperation  
Reoperation, need for enlargement of  
gastroschisis defect  
Reoperation, need for silo replacement  
Ventral hernia  
Umbilical hernia  
GI complication  
Non-GI complication  
Retinopathy of prematurity  
Presence of peel  
Gestational Age  
C-section  
Birth weight  
Birth weight below 2500g  
APGAR at 5M  
APGAR at 10M  
Neonatal convulsions  
QT interval  
Simple vs. complex  
Birth Related Injury  
Cord pH<7.1 at birth  
Cosmesis

New outcome added in phase two  
following stakeholder nomination

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NEC  
Stoma complication  
Bowel obstruction

Intestinal failure associated liver disease

Re-operation

Reoperation, need for enlargement of  
gastroschisis defect

Reoperation, need for silo replacement

Ventral hernia

GI complication

Non-GI complication

Retinopathy of prematurity#

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Gestational Age

C-section

Birth weight

Birth weight below 2500g

APGAR at 5M

APGAR at 10M

Neonatal convulsions

QT interval

Simple vs. complex

Birth Related Injury

Cord pH<7.1 at birth

Cosmesis

Quality of life for the child

Chronic gastrointestinal symptoms

Gastrointestinal dysfunction, including but not  
limited to constipation

Small bowel transplant

Meningitis

Mortality\*

Full oral feed achieved without any mechanical  
assistance

New outcome added in phase two following stakeholder nomination  
New outcome added in phase two following stakeholder nomination  
New outcome added in phase two following stakeholder nomination  
New outcome added in phase two following stakeholder nomination  
Existing outcome from phase one modified for phase two

Total number of days with a central line  
Discharge home with mechanical feeding assistance  
Societal costs, including financial cost for the family  
Home **total** parenteral nutrition  
Need for stoma split into “need for a permanent stoma” and “Need for temporary stoma”

# Did not meet criteria for assessment in phase three of the Delphi process

\*Inadvertently omitted from phase one of the Delphi process due to an error in transcription of outcomes from the reviews to the Delphi software