PROBIOTICS



PROBIOTICS
DECREASED THE
ODDS OF INFANT
DEATH BY
NEARLY HALF

Chang et al 2017

PROBIOTICS
DECREASED
INCIDENCE OF
NEC BY TWO
THIRDS

Chang et al 2017

Increased
ODDS of disability
because of NEC:

Cerebral Palsy by 50%
Visual impairment by 130%
Cognitive dysfunction by 70%
Psychomotor by 70%

Rees et al 2007

NEC INCREASES
ODDS OF
NEURO
DEVELOPMENTAL
IMPAIRMENT
BY 50%

WHEN TO USE PROBIOTICS

Infants <32 weeks or <1500kg



With first non nutritive feed on day 1



Stop probiotics if feeds stopped



Continue until >34 weeks corrected

WHAT DO PROBIOTICS DO?

Probiotics influence the bacterial colonisation of the neonatal gut by giving good bacteria.

We alter the colonisation of the premature gut by giving antibiotics and by delivering by C section.

When abnormal gut colonisers like Staph or Proteobacter are the primary commensals infants are at increased risk of NEC.