The World Health Organization\(^1\), AAP and ACOG\(^3\) define preterm births as babies born alive before 37 completed weeks of pregnancy and WHO sub-categories based on gestational age: extremely preterm (< 28 weeks), very preterm (28 to 32 weeks) and moderate to late preterm (32 to 37 weeks). Other classification: spontaneous PTBs - due to preterm labour (40 - 50%) or preterm premature rupture of membranes (20 - 30%); and iatrogenic/ indicated: due to maternal or fetal issues that influence the health of the mother or fetus. Every year, 13 - 15 million babies are born preterm, over 85% occur in Asia and Africa, and this number is rising. Across 184 countries, the rate of PTB ranges from 5% to 18% of babies born.\(^2\) Preterm babies are the leading cause of death among children under five years of age, approximately one-third of all infant deaths in the United States or 1 million deaths every year, meaning every minute 2 babies die of PTBs. Since these deaths occur in infants supposed to live for 70 - 80 years, PTB represents one of the most important, if not the most important, the cause of years - of - life lost.\(^4\) For the most part, these are healthy babies. Preterm babies also account for approximately 45% of children with cerebral palsy, 35% of children with vision impairment, and 25% of children with cognitive or hearing impairment.\(^4\) - \(^5\) There are many pathways from risk factors to the terminal cascade of events resulting in labour. Preterm labour likely occurs when local uterine factors prematurely stimulate this cascade, or suppressive factors that inhibit the cascade and maintain uterine quiescence are withdrawn prematurely. The four major factors leading to preterm labour are intrauterine infection, decidual haemorrhage, excessive uterine stretch, and maternal or fetal stress. Uteroplacental vascular insufficiency, exaggerated inflammatory response, hormonal factors, cervical insufficiency, and genetic predisposition also play a role.\(^6\) Biological domain show different perspectives and may complement the theories on PTBs.\(^9\)

In accordance to WHO ten main recommendations (and 17 additional sub-recommendations)\(^2\) and Berghella optimism, interventions that can be suggested are, non medical: a statement of political will from the decision makers, developing community awareness, movement and national network for prevention PTBs (NNPPB) may be reasonable options (in accordance with Preterm Birth International Collaborative/PREBIC), before pregnancy: strengthening the family planning program to prevent adolescent pregnancy and avoiding too short or too long interpregnancy interval. Smoking and alcohol inhibitions, modify obesity and identify history preterm birth.\(^11\) During the first trimester screening by ultrasound, lab markers and improve the scoring system to predict PTBs. During the third trimester: accurate identification of women in true preterm labour allows appropriate of further intervention: tocolysis is to allow antenatal corticosteroids. Neuroprotection by magnesium sulfate administration before 32 weeks of gestation.\(^13\), after birth period: assessment of newborn by umbilical blood gas analysis, resuscitation by NRP method/algorithm, NICU preparation and admission if necessary, surfactant if appropriate and the more affordable method: Kangaroo care\(^2\) and collaborative research between biologist and medicine to reveal pathophysiology of preterm labour and birth which in turn also reveal the physiologic mechanism of labour.

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