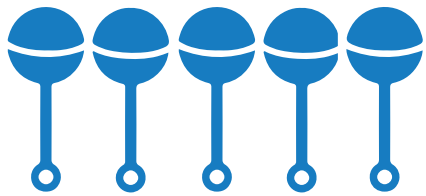


Preterm Birth

& periodontal disease



infection accounts for
10-25% of stillbirths

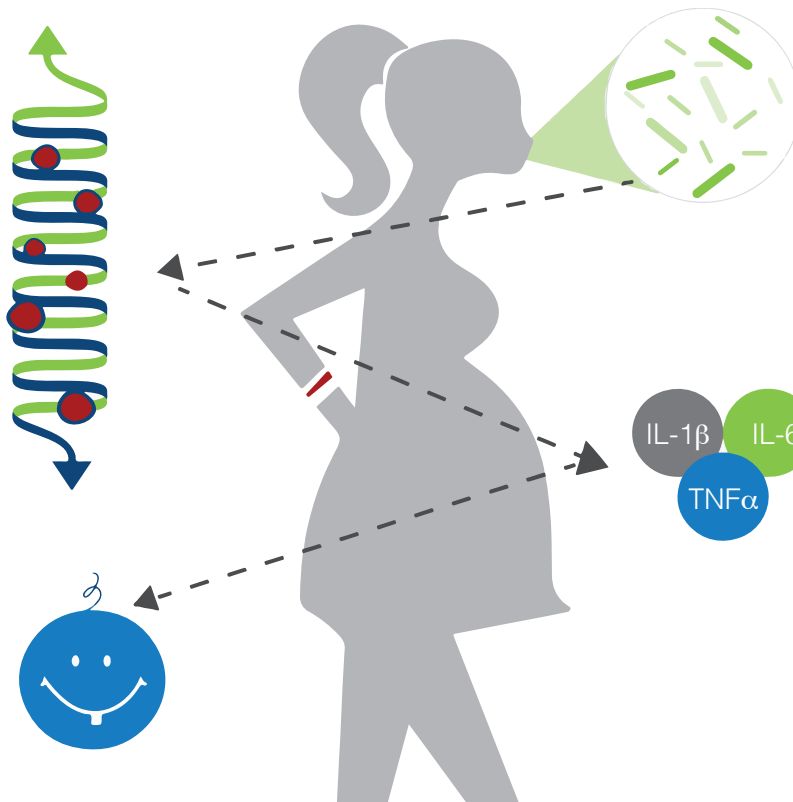
FIFTEEN million babies are
born preterm



3/4 of newborn deaths could be prevented
with current, cost effective interventions,
even without intensive care facilities.

Fusobacterium Nucleatum

A gram negative anaerobic bacteria frequently found in periodontal infection. *F. nucleatum* translocates from the oral flora of the mother's mouth to the uterus.



F. nucleatum is one of the most prevalent species in intrauterine infection, predominantly identified in cases of preterm birth.

Fusobacterium Nucleatum



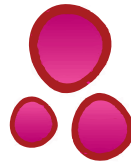
! Bacteria are passed through the endothelium of the gingival sulcus into the bloodstream, crossing the placental barrier, thereby spreading infection and inflammation to fetal membranes, amniotic fluid, and fetus, stimulating preterm birth.



F. nucleatum bacteria in the mouth



enter the bloodstream



and cross the placental barrier

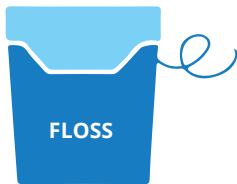


spreading infection and inflammation to the fetus

prenatal care + prevention

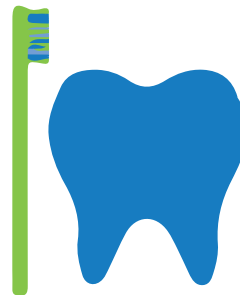
Periodontal disease is treatable & preventable. It may be a causative factor for preterm birth and low birth weight and should therefore be an integral component of prenatal care for expectant mothers.

Pregnancy is a time of change, including changes in the mouth.



Practice effective home care (brushing & flossing)

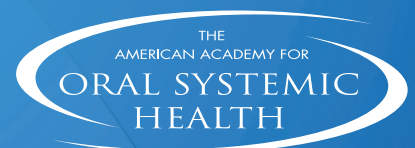
Protect yourself and your baby using preventive measures like refraining from sharing utensils and toothbrushes.



See your dentist early for a complete oral wellness evaluation, and to eliminate oral infections that endanger your pregnancy.

References

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