

Abstract: Reduction of child mortality is displayed in numerous United Nations' Sustainable Development Goals. UN estimates that while the progress advances every year, it is prudent that we should expedite our efforts in averting child deaths. Current trends forecast between 2020 and 2030, close to 23 million in the age group of 5- to 24-year-olds and 48 million children under 5 will die. While almost half of these under-five deaths will comprise of newborns. Bolstering health care systems and cutting down inequalities is prerequisite for preventing childhood deaths.

Considering what was mentioned above, Cardiotocograms or CTG is a test which is conducted in the third trimester of pregnancy. It has the benefit of being a simple, painless procedure for monitoring the child's condition. It works by transmitting ultrasound pulses and assessing its response leads to measurements of fetal movements, uterine contractions and more. Here data will be classified into three main classes mainly: Normal, Suspect and Pathological for determining the further course of action.