

## DAY 2 - SESSION 28

### NEWBORN, CHILD PROTECTION AND THE GROWING CHILD

14<sup>th</sup> February 2020

8.30 am to 10.00 am

### Childhood Trauma, Gaming, Drugs and Neurophysiology of Adolescent Violence

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Youth violence as Physical, Emotional and Sexual violence and self-harm is considered. Norms domestic, peer, societal and media violence get pre-programmed in minds of children and adolescents. We described widespread occurrence of sexual abuse in Sri Lanka. 64% of abusers had been abused during childhood. In another study adverse experience in childhood had a strong association with violence. We also showed an association between suicide, contemplation and violence. Idolization and justification of CP continues till today. Modulation of Monoamine Oxidase gene is associated with sex linked association of violence compounded by childhood trauma. Structural and functional changes in the brain is seen in traumatised children. Epigenetic transmission is also known. Studies by us and others show, childhood war trauma including conscription leads to prolonged psychological effects including PTSD and suicide violent gaming, and changes in brain. Dopamine levels in the amygdala and violence is associated, while, childhood trauma, drug addiction and issues of dopamine in the hippocampus and violence is well established.