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HIV Transmission Prevention Project: Vulnerable subgroups, risk transmission assessment/mitigation & AI deep reinforcement learning using artificial neural networks to reduce structural violence following exposure to direct violence for persons targeted or at risk.

Precursors to HIV transmission include socioeconomic demographics, trauma, gender, race and disability status. The encyclopedia of social deviance indicates that when there are over 50% males in decision-making roles there will be social deviance and higher rates of corruption. Not surprising in Canada there were over 10,000 sexual assaults that were dismissed as not creditable by law enforcement. The male brain processes trauma differently than the female so naturally institutional deviance would discredit victims.

The researcher in health economics, outcomes research completed a Master's degree in leadership studies from 2006-2009 defining human intelligence and the best brains for decision-making and leadership in a society. From 2009-2019 the researcher investigated and

documented social, civil and political institutions and the role they play in putting victims of violence in harm's way.

Because the HIV virus is transmitted by the male lingam and women with disabilities and children remain powerless to paternalistic approaches to decision-making a model AHIMSA-N was developed using artificial neural networks. The objective was to override binary inspired biases in decision-making which promote the transmission of the HIV virus to women and children at risk. We know that to "err is human" and humans do not have objective criteria for decision-making when faced with populations they may deem as worthless based on social, civil status, gender identity, disabilities, socioeconomic power and race. For this reason artificial intelligence machine learning algorithms can assist decision-makers in identifying their blindspots which lead to victim retraumatization, sexual assault and indirect facilitation of homicide based on promoting HIV virus transmission.

This model reviews over 80 years of research on cognitive, emotional and moral intelligence in the highest & lowest functioning humans in a society. We have created a framework that transfers these system thinkers brain systems to machine learning to reduce morbidity & mortality in subgroups at risk.