

Abstract

Sperm detection is an important factor to confirm the rape cases and sexual assaults. Sperms face different circumstances in rape, sodomy and fellatio. Oil, saliva, soap and shampoo can be the contaminant sources which may found in such cases. KPIC is the test for staining the sperms to be detected in microscopy. In this research work, the validity and reliability of KPIC is checked in the presence of said contaminants. The impact of different ratios of oil, saliva, soap and shampoo has studied on the morphology and staining of sperms. Three slides of every contaminant with different concentrations are prepared and observed in microscope and take micrographs. KPIC somehow find a good and relatively cheaper staining process.