

## Original Research Paper

# Pattern of Fingerprints in Different ABO and Rh Blood Groups

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### Abstract

Identification is a vital of crime investigation and practice of forensic medicine. Many characters are used for identification. To establish the absolute identity among the many characters finger print is one of the most important tool easily available. It is one of the oldest and reliable methods of identification. Many studies conducted worldwide have proved the correlation between fingerprints and different ABO blood groups along with certain diseases. The present study was conducted on 400 Indian medical students having different ABO blood groups. Their fingerprinting and blood grouping was done, tabulated and analyzed. The study revealed that there is an association between distribution of fingerprint patterns, blood group and gender. Loop was most frequently seen fingerprint followed by whorl and arch. O positive is most common blood group and AB negative is rarest. Loops are predominant in blood group O followed by B and AB in both Rh positive and Rh negative.

**Key Words:** Fingerprint, Blood Group, Gender, Identification, Forensics, Disease

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