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Distribution of ABO and Rhesus (RHD) Blood Groups in Al-Jouf Province of the Saudi Arabia**Mohamed Hassan Eweidah*, Shaik Rahiman**, MD Hassan Ali* and
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ABSTRACT ABO and RHD blood grouping was carried out on 400 Saudi adult male subjects, 100 each from Sakaka, Domaht Al-Jandal, Al-Qurayat and Sweer cities of the Al-Jouf Province of the Saudi Arabia. Finger prick blood samples were tested for both the blood groups by routine slide method. In the total material studied here from the Al-Jouf Province, blood group O was found highest (0.628), followed by A (0.193), B (0.179) and AB (7.3%) while the percentage of RHD Positive (0.705) was greater than RHD negative (0.295). This study could have significant implications for the major blood banks in Al-Jouf area where certain blood groups are needed more than others in emergency conditions. In addition, the data generated would be helpful to the researchers to explore the factors responsible for the observed distribution patterns of the studied blood group systems.