3.0 AIM AND OBJECTIVES

3.1 Aim:

To Identify And Characterize MRSA Strains By Phenotype And Genotype Methods.

3.2 Objectives:

- To isolate *Staphylococcus aureus* and phenotypically characterize MRSA strains.

- To compare both conventional and rapid phenotype methods for detection of MRSA from clinical isolates.

- To standardize a multiplex PCR for rapid and simultaneous detection of Hospital associated MRSA (HA-MRSA) and Community acquired MRSA (CA-MRSA) from clinical isolates.

- To characterize MRSA strains by staphylococcal cassette chromosome *mec* (SCCmec) typing.