

Stage 1: N= 323; n cases =179, n controls = 144

- Genotype 46 pre-defined prostate cancer risk alleles
- Study Power*: 16%

Bantu groups: Tsonga, Pedi, Venda, Tswana

Clinics: Polokwane, Tshilidzini

Stage 2: N= 503; n cases =297, n controls = 206

- Follow-up analysis of SNPs achieving un-adjusted P-value \leq 0.05 in stage 1.
- Genetic risk models evaluated by receiver operator characteristic curve.
- Study Power*: 21%

Bantu groups: Tsonga, Pedi, Venda, Tswana

Clinics: Polokwane, Tshilidzini, SBAH/MEDUNSA

Stage 3: N= 837; n cases =522, n controls = 315

- Analysis of epidemiological features for association with over-all risk as well as tumor characteristics (Gleason score and grade).
- Study Power*: 31%

Bantu groups: Tsonga, Pedi, Venda, Tswana,
Ndebele, Xhosa, Zulu, Sotho, Swati

Clinics: Polokwane, Tshilidzini, SBAH/MEDUNSA