South American patients/families eligible for genetic testing
n = 267

- Amsterdam criteria I
  n = 84
  - Disease predisposing mutation in $MLH1$ and/or $MSH2$
    - $LS$
      n = 47
    - Analysis for $MSH6$ and/or $PMS2$
      n = 66

- Amsterdam criteria II
  n = 63
  - Disease predisposing mutation in $MLH1$ and/or $MSH2$
    - $LS$
      n = 34

- Bethesda guidelines
  n = 120
  - Disease predisposing mutation in $MLH1$ and/or $MSH2$
    - $LS$
      n = 18
  - No mutation
    n = 102
  - Analysis for $MSH6$ and/or $PMS2$