Syphilis Serology Algorithm

- **SYPG / Syphilis IgG Antibody with Reflex, Serum.** Testing begins with:
  - Syphilis IgG Antibody, Serum

  **POSITIVE**
  - Rapid Plasma Reagin with Reflex, Serum is performed
  - Patient’s history of syphilis unknown
    - Untreated or recently treated syphilis. See CDC guidelines for treatment. Follow RPR titers
    - Possible syphilis (early or latent) or previously treated syphilis. Historical and clinical evaluation required.
  - Patient’s history of syphilis unknown
    - Perform second treponemal assay:
      - Syphilis Antibody, TP-PA, Serum
      - POSITIVE
      - Probable false-positive syphilis IgG test. No follow-up testing unless clinically indicated
    - NEGATIVE
  - Patient has known history of syphilis
    - Past, successfully treated syphilis. No follow-up needed.

  **NEGATIVE**
  - No serologic evidence of syphilis. No follow-up necessary unless clinically indicated (eg early syphilis)