

## **THE IMPORTANCE OF THE FLOWCHART AND ITS STEPS FOR THE RELEASE OF A CORRECT DIAGNOSIS OF SYPHILIS**

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*Camila Cristina Sant'Ana de Lima*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

*Elaine Cristina Marques*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

*Cláudia Regina Faria*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

*Anna Marcia Aranha de Brito*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

*Lídia Freire Abdalla Nery*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

*Cyra Mesquita de Araujo*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

*Bruno Oliveira Barreto*

Sabin Medicina Diagnóstica – São José dos Campos – São Paulo

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## INTRODUCTION

The reverse approach flowchart has been used more and more widely and is indicated by the Ministry of Health for the Diagnosis of Syphilis in patients whose history is unknown. It consists of the use of an immunological test, in which a treponemal test is used as the first test, which may be laboratory or rapid, followed by a non-treponemal test to complement the test. If the non-treponemal test is non-reactive, Flowchart 2 recommends the use of a third test for completion, which must be treponemal and with a different methodology than the first test performed.

## GOALS

To conduct an epidemiological survey for Syphilis using the reverse approach flowchart in Sabin Medicina Regional diagnosis of São José dos Campos/SP.

## MATERIALS AND METHODS

Data from 06 months (10/01/2021 to 03/31/2022) obtained from a database without individual identification, with exemption from processing in the CEP/CONEP system

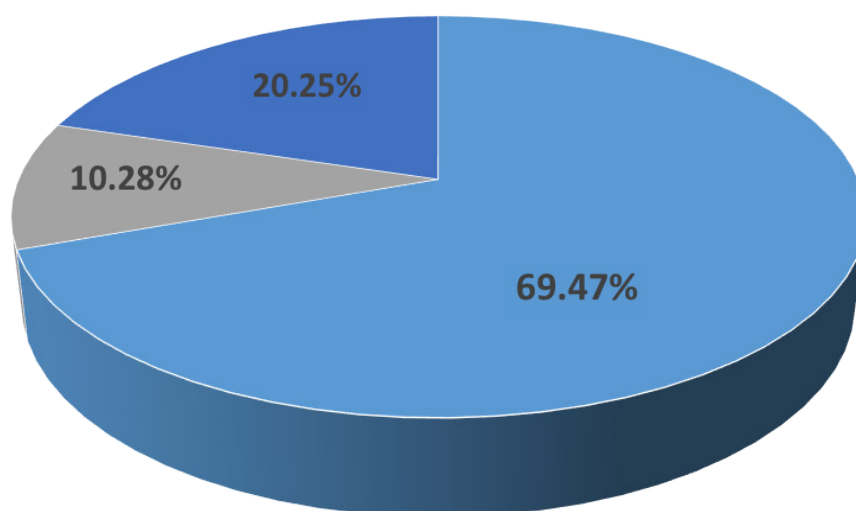
(Art. 1, item V, resolution 510/2016) were evaluated).

## RESULTS AND DISCUSSION

During this period, 321 patients had Reagent results in the automated screening test (Treponemal). All underwent the flocculation test (non-treponemal) and in 223 cases (69.47%) they were positive, suggesting a diagnosis of active syphilis. In the 98 patients (30.53%) where the flocculation test was Non-Reactive, we performed a new treponemal test (FTA IgG) in which we had a positivity of 33 samples (10.28%), being suggestive of serological scarring. In 65 patients (20.25%), the result obtained in the second treponemal methodology (FTA IgG) was Non-Reactive, suggesting the absence of syphilis and the probable occurrence of a false-Reactive result in the first treponemal test performed.

## CONCLUSION

This survey emphasizes the importance of complying with all stages of the flowchart to assist in a correct diagnosis of syphilis.



- Flocculation Reagent
- Flocculation Non-Reactive with FTA IgG Reagent
- Non-Reactive Flocculation with Non-Reactive FTA IgG

## REFERENCES

[https://www.google.com/search?q=fluxograma+diagnostico+sifilis+ministerio+da+saude+abordagem+reversa&source=lmns&rlz=1C1OKWM\\_pt-BRBR973BR973&hl=pt-BR&sa=X&ved=2ahUKewjdkL74yub3AhVUBLkGHWNXBlwQ\\_AUoAHoECAEQAA](https://www.google.com/search?q=fluxograma+diagnostico+sifilis+ministerio+da+saude+abordagem+reversa&source=lmns&rlz=1C1OKWM_pt-BRBR973BR973&hl=pt-BR&sa=X&ved=2ahUKewjdkL74yub3AhVUBLkGHWNXBlwQ_AUoAHoECAEQAA)