

PEDIATRIC INFLAMMATORY MULTISYSTEM SYNDROME TEMPORALLY ASSOCIATED WITH SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (PIMS-TS)

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Introduction

- PIMS-TS is a multisystemic inflammatory disease provoked 3-4 weeks after SARS-CoV-2 infection affecting 0.5-1% of the pediatric population.
- It has unknown post-infectious pathogenesis based on genetic susceptibility.

Keywords

PIMS-TS, MIS-C, SARS-CoV-2, COVID-19, Pediatrics

Purpose

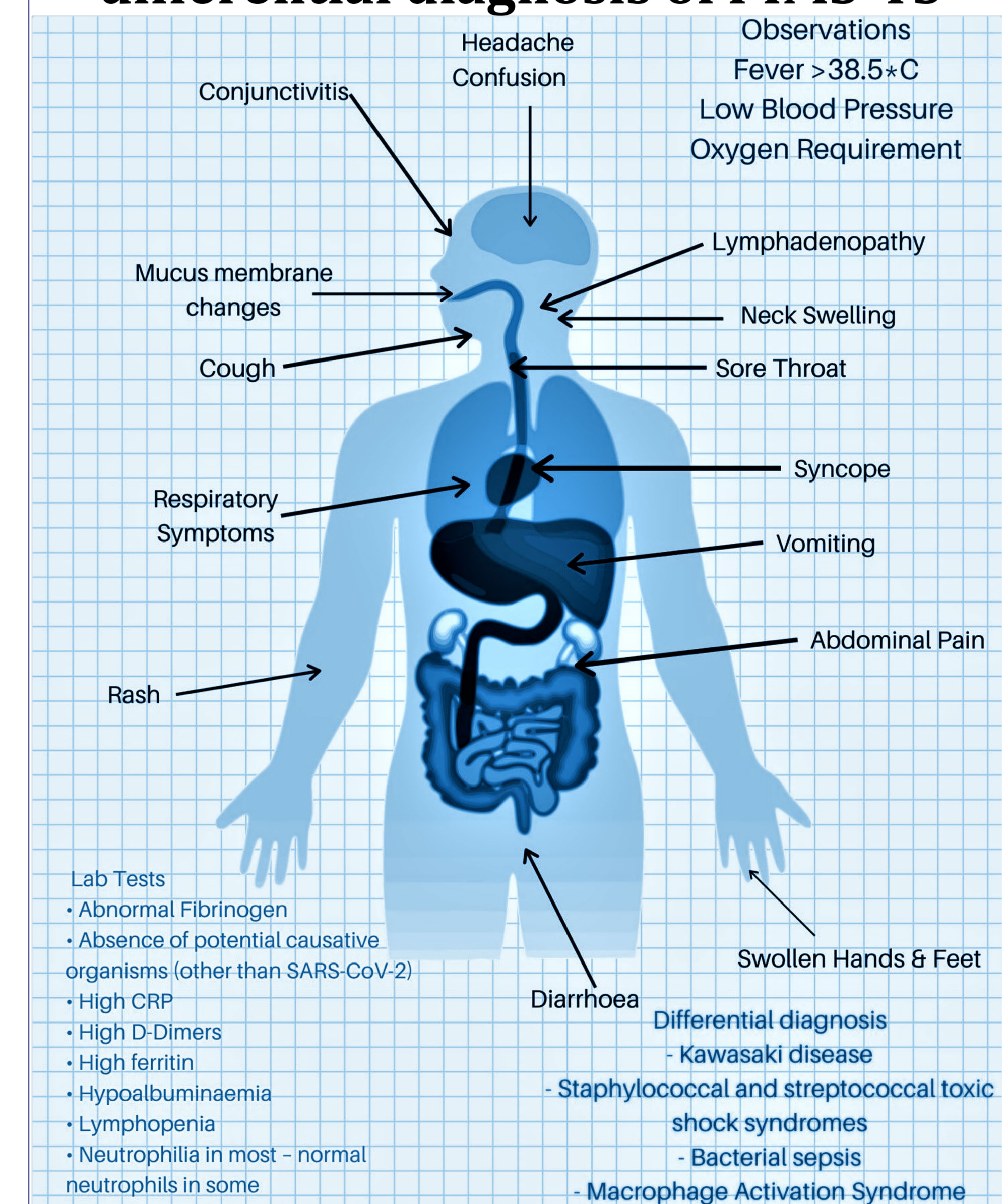
- To emphasize the unfolding nature of COVID-19 by describing the current peculiarities of PIMS-TS patients.
- To encourage its continued education.

Material and methods

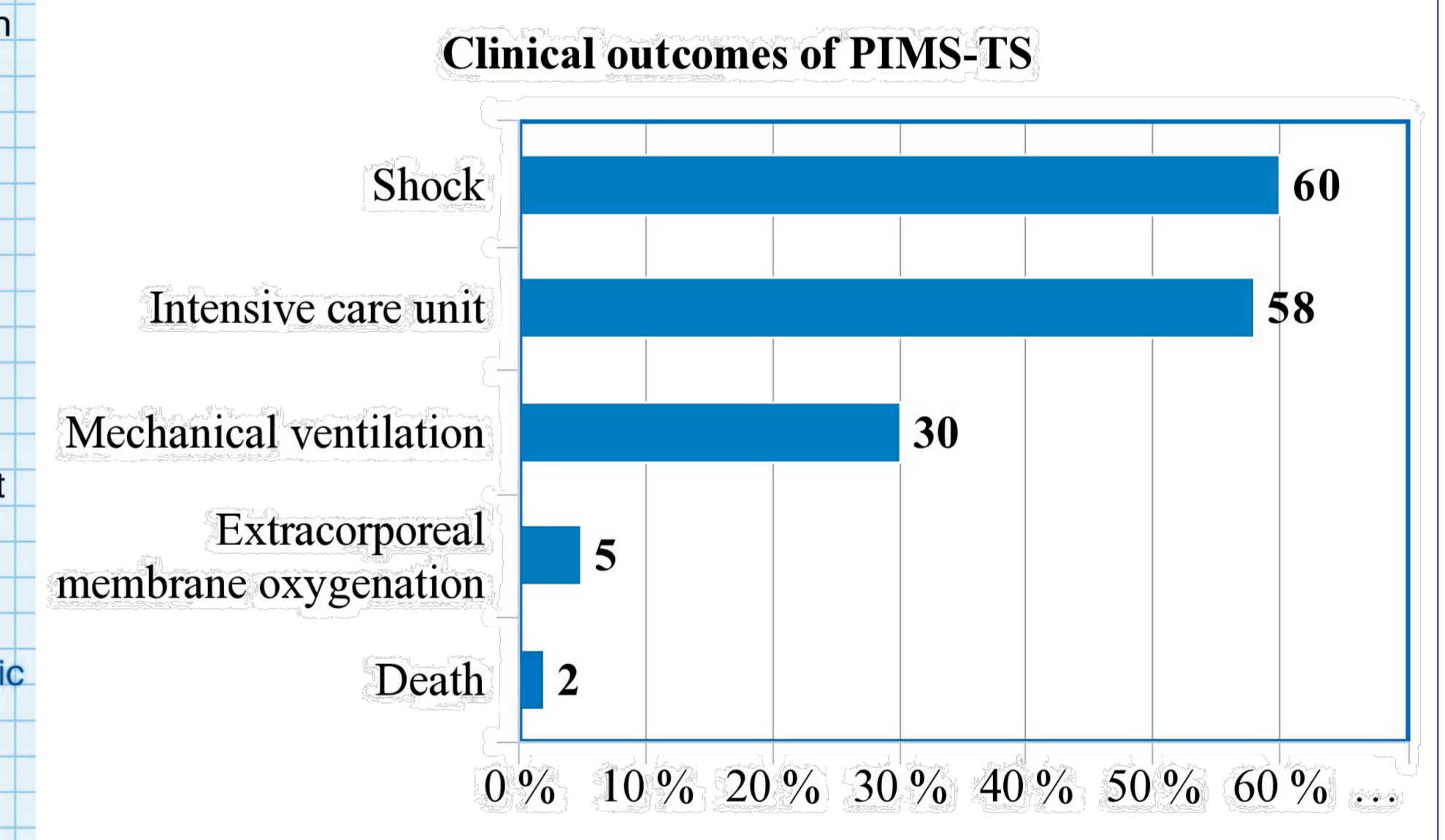
A literature review of the PubMed and the ScienceDirect databases using the above keywords.

Results

Clinical and laboratory features, and differential diagnosis of PIMS-TS



Treatment
Fluids
Anticoagulants
Plasma transfusion
Antibody treatment
Corticosteroids
Vasopressors



Conclusions

- PIMS-TS patients present consequent SARS-CoV-2 infection with severe acute manifestations.
- They need hospitalization and a multidisciplinary approach for disease management and complication prevention.