

Investigation of children with suspected PIMS-TS referred to a regional critical care transport service: a retrospective audit

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Paediatric inflammatory multisystem syndrome temporally related with COVID-19 (PIMS-TS) has considerable overlap in presentation with Kawasaki disease, sepsis, toxic shock syndrome, and surgical abdominal pathology. National consensus guidelines were published in the United Kingdom in September 2020, detailing investigations that should be undertaken to exclude other diagnoses¹. This retrospective audit aimed to assess referrals to our regional critical care transport service to ascertain whether national standards are being met for investigations and multidisciplinary team (MDT) involvement.

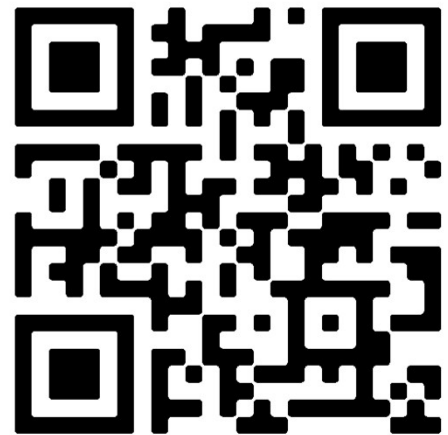
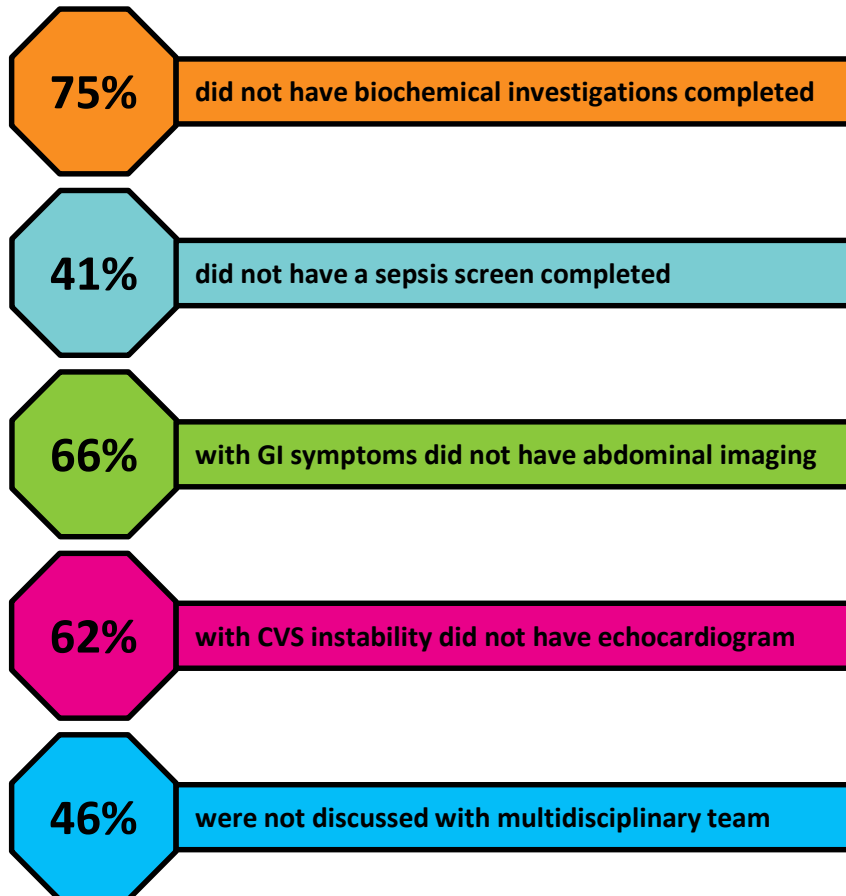
Method

Database examined for suspected PIMS-TS or overlapping presentations for September 2020 – September 2021

Excluded if PIMS-TS not suspected

Referrals examined for demographics, investigations, and involvement of MDT

Results



Scan for demographics and full results!

Conclusion

The majority of children referred to the regional transport service did not receive the recommended investigations or involvement of the MDT, either before referral or after discussion with the transport team. To further improve documentation and advice given to the referring teams a proforma is being created for all children referred to the transport service with suspected PIMS-TS.