

# Care Guidelines for Suspected MIS-C in Children

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## Situation

A new, multidisciplinary Brenner Children's Hospital **MIS-C Task Force** has been created to help clinicians across the care continuum accurately diagnose, manage and report MIS-C cases.

## Background

MIS-C is a febrile inflammatory syndrome that has emerged with the COVID-19 pandemic that predominately affects children and adolescents (ages <1 year to 20 have been reported). Diagnosing Multisystem Inflammatory Syndrome in Children (MIS-C) is challenging as features of the disease overlap with many other common infectious, inflammatory and rheumatologic conditions.

The MIS-C Task Force includes physicians from general pediatrics and pediatric specialties (critical care, cardiology, infectious diseases, rheumatology, hospital medicine and emergency medicine), who:

- Follow the course of the emerging illness
- Develop local clinical care guidelines with system wide WakeOne order sets
- Assist in diagnosis, management and reporting to public health authorities

The Task Force regularly meets to review new cases, review literature and discuss best practices. Members participate in clinician education at local, regional and national sessions and assist in reporting cases to the N.C. Department of Health and national and international MIS-C registries.

## Assessment

As an emerging illness, MIS-C diagnostic criteria and treatment protocols are still being developed. MIS-C patients are at high risk for rapid cardiovascular decompensation and often require ICU management. Local care guidelines, with assistance from the MIS-C Task Force, will help clinicians care for potential cases.

## MIS-C Task Force:

- Rima Jarrah (Director) – Pediatric Critical Care Medicine
- Kacy Ramirez – Pediatric Infectious Disease
- Brandon Hays – Pediatric Cardiology
- Alysha Taxter – Pediatric Rheumatology
- Chad McCalla – Pediatric Emergency Medicine (via PAL line)
- Cara Haberman – Pediatric Hospital Medicine
- JohnDarby – Pediatric Hospital Medicine

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