

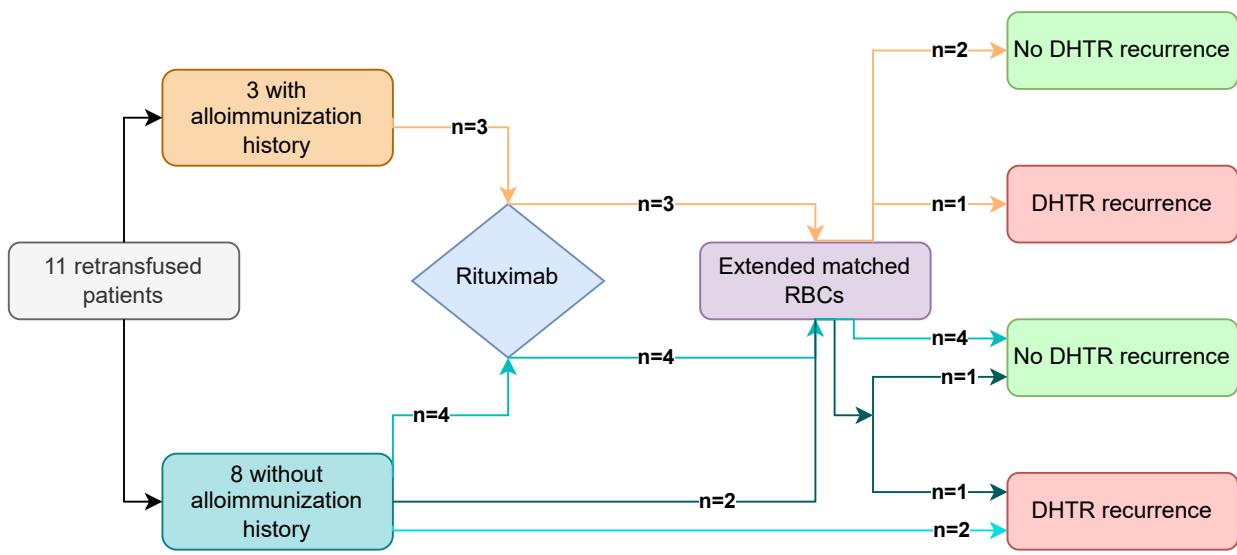
Delayed hemolytic transfusion reaction in children with sickle cell disease: first 5-year retrospective study in mainland France

Claire Falguière,¹ Slimane Allali,² Bassem Khazem,¹ Annie Kamdem,¹ Cécile Arnaud,¹ Marie Belloy,³ Corinne Guittot,⁴ Marie-Hélène Odièvre,⁵ Sophie Pertuisel,⁶ Cecile Dumesnil,⁷ Cécile Guillaumat,⁸ Nathalie Garrec,⁹ Alexandra Gauthier,¹⁰ Perrine Mahe,¹¹ Valérie Soussan-Banini,¹² Laure Le-Carrer,¹³ Etienne Merlin,¹⁴ Audrey David,¹⁵ Beatrice Pellegrino,¹⁶ Catherine Paillard,¹⁷ Jean-François Brasme,¹⁸ Marie Lagarde,¹⁹ France Pirenne^{20,21} and Corinne Pondarre^{1,21}

¹Pediatric Department, Sickle Cell Disease Referral Center, Creteil; ²Pediatric Department, Sickle Cell Disease Referral Center, Necker Hospital, APHP, Paris; ³Pediatric Department, Center for Sickle Cell Disease, Aulnay sous-bois; ⁴Pediatric Department, Sickle Cell Disease Referral Center, APHP, Kremlin-Bicetre; ⁵Pediatric Department, Center for Sickle Cell Disease, Trousseau Hospital, APHP, Sorbonne Université, INSERM UMRS 1134, BIGR, Paris; ⁶Department of Pediatric Hemato-oncology, University Hospital of Rennes, Rennes; ⁷Department of Pediatric Hemato-oncology, Hopital Charles Nicolle, Rouen; ⁸Pediatric Department, Center for Sickle Cell Disease, Corbeil-Essonnes; ⁹Pediatric Department, Center for Sickle Cell Disease, Jossigny; ¹⁰Department of Pediatric Hemato-oncology, Hospices Civils de Lyon, Lyon; ¹¹Pediatric Department, Sickle Cell Disease Referral Center, Montpellier; ¹²Pediatric Department, Center for Sickle Cell Disease, Boulogne-Billancourt; ¹³Pediatric Department, Center for Sickle Cell Disease, Orsay; ¹⁴Pediatric Department, Center for Sickle Cell Disease, Clermont-Ferrand University Hospital, Clermont-Ferrand; ¹⁵Department of Pediatric Hemato-oncology, University Hospital of Saint-etienne, Saint-etienne; ¹⁶Pediatric Department, Center for Sickle Cell Disease, Poissy; ¹⁷Department of Pediatric Hemato-oncology and Bone Marrow Transplantation Unit, Hopital de Hautepierre, Strasbourg; ¹⁸Department of Pediatric Hemato-oncology, University Hospital of Angers, Angers; ¹⁹Pediatric Department, Center for Sickle Cell Disease, Bordeaux; ²⁰Etablissement Français du Sang, Creteil, and ²¹Université Paris Est Creteil INSERM U955, Creteil, France

Correspondence:
C. FALGUIÈRE - claire.falguiere@chcreteil.fr

<https://doi.org/10.3324/haematol.2022.281050>



Supplemental figure 1. Subsequent transfusion management and outcomes

DHTR: Delayed Hemolytic Transfusion Reaction; RBC: Red Blood Cell

2 patients underwent transfusion in pre-transplant setting, 1 for the management of multi-organ failure, 1 for acute splenic sequestration, 5 before surgery, and 2 for stroke prevention.