

Special Issue

Automated Insulin Delivery Systems in Pediatric Type 1 Diabetes: From Real-World Evidence to Future Perspectives

Message from the Guest Editors

Automated insulin delivery (AID) systems represent a major advancement in the management of type 1 diabetes. Despite regulatory approvals and clinical trial success, real-world adoption, psychological implications, predictors of therapeutic success, and long-term outcomes in the pediatric population remain areas of active investigation and clinical relevance. The goal of this Special Issue is to offer an up-to-date, multidisciplinary overview of AID systems in the pediatric type 1 diabetes population. We intend to bring together contributions that reflect the complexity of pediatric care, encompassing technological innovation, patient and caregiver experiences, and health system integration. It will also explore the integration of AID with digital health tools and precision medicine approaches. We welcome original research, clinical trials, real-world evidence studies, reviews, commentaries, and expert perspectives. Submissions addressing global diversity, health disparities, and innovations in pediatric diabetes technology are especially encouraged.

Guest Editors

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