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Type 1 Diabetes in Children: Clinical Advances and Future Challenges

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Message from the Guest Editor

Young people and their families have more tools than ever at their disposal in order to optimize management, yet many challenges remain. Technological advances often result in a greater intensity of day-to-day input for the patient and can be frustrating if there are issues such as sensor dropout, inaccuracies, recurrent alarms. or insulin pump line failure. Access to these technologies is not always equitably distributed, with many countries facing issues with even basic supplies, such as insulin. Young people are experiencing greater stress and anxiety than ever before, and dealing with the burden of a chronic disease can make these underlying issues much more pronounced. Ultimately, a cure that means that endogenous insulin production is restored is the key focus of biological advances. In recent years, immunotherapy has been shown to delay the progression of islet cell destruction in early trials, but much work needs to be done before this can be used widely in clinical practice. In this Special Issue, we wish to explore the current status of diabetes care across a number of areas, from technology to adjustment.



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Special Issue



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Message from the Editor-in-Chief

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