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Type 1 Diabetes and Celiac Disease screening in the Pediatric Population

IDF Europe TEAM meeting and Regional Council AGENDA | 12-13 October 2024

Type 1 Diabetes and Celiac Disease screening

Law No.130/2023 for Diagnostic Program for Type 1 Diabetes and Celiac Disease screening in the Pediatric Population

Italy is the first Country in the World that established a screening program for Type 1 Diabetes and Celiac Disease, thanks to Law No. 130/September 2023 on "Provisions Concerning the Establishment of a Diagnostic Program for the Detection of Type 1 Diabetes and Celiac Disease in the Pediatric Population".

The main goal is to identify, in the healthy Pediatric population, people at risk of developing one or both disease to offer early treatments.



SERIE GENERALE



PARTE PRIMA

Roma - Mercoledì, 27 settembre 2023

SI PUBBLICA TUTTI I Giorni non Festivi

DIREZIONE E REDAZIONE PRESSO IL MINISTERO DELLA GIUSTIZIA - UFFICIO PUBBLICAZIONE LEGGI E DECRETI - VIA ARENULA, 70 - 00188 ROMA Amministrazione presso l'istituto poligrafico e zecca dello stato - Via Salaria, 691 - 00188 roma - centralino 06-85081 - libreria dello stato Prazza G. Verdi - 1 00188 roma

La Gazzetta Ufficiale, Parte Prima, oltre alla Serie Generale, pubblica cinque Serie speciali, ciascuna contraddistinta

da autonoma numerazione:

1ª Serie speciale: Corte costituzionale (pubblicata il mercoledi)

2ª Serie speciale: Unione europea (pubblicata il lunedì e il giovedì)

3ª Serie speciale: Regioni (pubblicata il sabato)
4ª Serie speciale: Concorsi ed esami (pubblicata il martedì e il venerdì)

5ª Serie speciale: Contratti pubblici (pubblicata il lunedì, il mercoledì e il venerdì)

La Gazzetta Ufficiale, Parte Seconda, "Foglio delle inserzioni", è pubblicata il martedì, il giovedì e il sabato

Type 1 diabetes | FeSDI effort to promote the Law

Law No.130/2023 for Diagnostic Program for Type 1 Diabetes and Celiac Disease screening in the Pediatric Population

FeSDI hardly sustained the implementation of the law addressing to the Institutions its diabetologist availability for the most efficient development of the screening.

The "Propedeutical Project for the Implementation of a National Screening Program in the Pediatric Population for Type 1 Diabetes and Celiac Disease (D1Ce Screen)" aims to assess sustainability by the NHS, potential cost-benefit and organizational issues for the national screening implementation.

The pilot study coordinated by **Istituto Superiore di Sanità** involved 4 Italian and screened about 5,000 children.



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Propedeutical project coordinated by the Istituto Superiore di Sanità



Four Italian regions Lombardy, Marche, Campania and Sardinia



Pediatric population

Children of two, six and ten years old



Analysis of blood sample

(anti-GAD; anti-IA2; anti-ZnT8; anti-IA) and Celiac disease



Test the predisposition

to one or both disease in the patient







^{*} Enrolment status from DICe Platform at 09/25/2024

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Preliminary results

Thanks to the **synergy** established with **Pediatricians** the pivotal phase of the screening gave **preliminary results**:

At the end of **July 2024**

 0.8% positivity to auto-antibodies for Type 1 diabetes and 2.9% positivity for Celiac Disease

These preliminary data confirm the **relevance of early diagnosis** for the two chronic disease of high importance during the age of development.







THANK YOU FOR YOUR ATTENTION!