



To know and be dare!

- Tudj és merj! -
Diabetes board game



Agenda I.



1. About diabetes
 - what is this disease?
2. Diabetes and blindness
 - where is the relation?
3. Diabetes in Europe
 - number of patients in West-European countries



Agenda II.



4. Our board game and the past
- with pictures

5. The Future of the game

6. International cooperation
between LIONS and LEOs???
- dream or reality?



7. Contacts



1. About diabetes



Diabetes mellitus is a condition in which the body not produce enough, or properly respond to insulin a hormone produced in the pancreas.

Insulin enables cells to absorb glucose in order to turn it into energy



1. About diabetes



In **diabetes** the body either doesn't repond properly to its own insulin, doesn't make enough insulin, or both.

Types of diabetes

- Type 1
- Type 2



2. Diabetes and blindness



Diabetes is **the leading cause** of blindness among most.

Diabetes is the number one **cause of acquired blindness.**

Just in US **12 000 to 24 000 people** unnecessarily lose their vision **yearly** because of diabetes complications that can often be prevented through early detection and timely treatment.



3. Diabetes and Europe



To study the epidemiology of childhood-onset type 1 diabetes mellitus in Europe - the **EURODIAB** collaborative group established in 1988 prospective geographically defined registers of new cases diagnosed under 15 years of age.

The **results** of the EURODIAB study

- a very wide range of incidence rates
- the increase in incidence varies from country to country.



3. Diabetes and Europe



Incidence of diabetes type 1

incidence = measure of the risk of developing some new condition within a specified period of time.







The standardised average annual incidence rate during the period 1989-1998 ranged

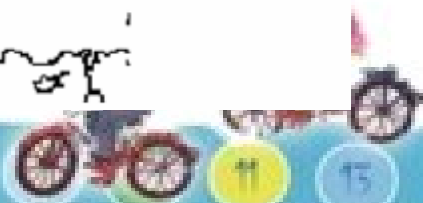
- 3,6 cases per 100 000 per year in Macedonia
- **43,9 cases per 100 000 per year in Finland.**



3. Diabetes and Europe -Map of incidence



	<7,0
	7,0-8,9
	9,0-11,9
	12,0-14,9
	15,0-19,9
	>20,0



4. Our game board and the past



51 52 49 48 47 46 45 44 43 42 41 40 39 38 37

52



35

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TUDJ ÉS MERTI



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Oktatóanyagjáték diabéteszes gyermekeknek

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What was the beginning...

The idea came from a hungarian doctor, dr. György Károly in the 80's.



... and the continuation?

The hungarian LEOs renewed an old board game of diabetes in 2006 - hand made with a lot of love



And what was the effect in Hungary?



From 2006 to nowadays, the game is a big success within children suffer from diabetes, their families, and hospitals.

We are participating on every diabetes day in our country with the board game



And why did
the hungarian LEOs manage
this project?



...because the children with
diabetes may learn about living
their special life and duties by
playing this game.





CFE

LIETAVAS
KUCIŅU MA

STANDS
PIRŠĀNŠ
KONKURSI
KONKURSI

SPORT
MEDĀLI

MAJĀ
KĀRĪTĀJUMS

START

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128



77
75 72 71 78
67
99 61 63 65
57









What are the three, equivalent, main principles of the diabetes-regulation?

What should you do, if you accidentally exhibit more insulin than your allotted dose?

Where the insulin's produced?

Which food contains fast absorpant carbohydrate?



5. The future of the game

Renewal of
the game

Reunite
children and
family

Including
doctors

Playful form

Lingual
permeability

More children
involved

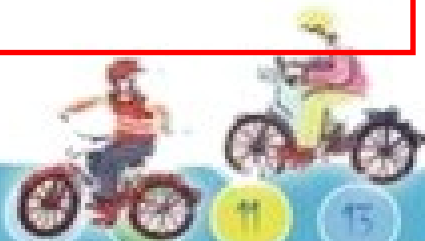


Our aim is to...



Develop the game onto
an international level

- English - German - French
- Hungarian
- Scandinavian project



6. International cooperation



- ✓ LIONS and LEO works together!!!
- ✓ Supporting us
 - » IN MONEY: Sponsoration (diabetic food producers, medicine and medical aid producers)
 - » Appearance on the game board, box and the card
 - » THROUGH SERVICE: help in the renewal and the translation



What we give in exchange...



The board game is covered by copyright, so we can

- » Give the right
- » Collective producing



In the end:



A multilingual board game,
renewed by international
specialists and by helpful LIONS
and LEO members, under our logo,
all around the world!!!



WITH YOUR HELP!



7. Contacts



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**Thank you for
your attention!**

