

# Super D tackling sport

**Kids Guide to Type 1 Diabetes and Sport** 

**EMCA Studia** 

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Kids Guide to Type 1 Diabetes and Sport

Created as an "Open Educational Resource"
Erasmus+ Project
"Sports&Diabetes - Tackling Diabetes with Sport"

www.sportsanddiabetes.eu

Alongside this kids guide there is also a guide for youth, parents, coaches/teachers with more information.



HAŠK Mladost & TSV Bayer 04 Zagreb & Leverkusen, 2022.

### SUPER D TACKLING SPORT Kids Guide to Type 1 Diabetes and Sport

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The guide and additional materials are available in print and PDF version on English, German, Croatian, Italian and Greek language, but may came in other languages on the project website: www.sportsanddiabetes.eu



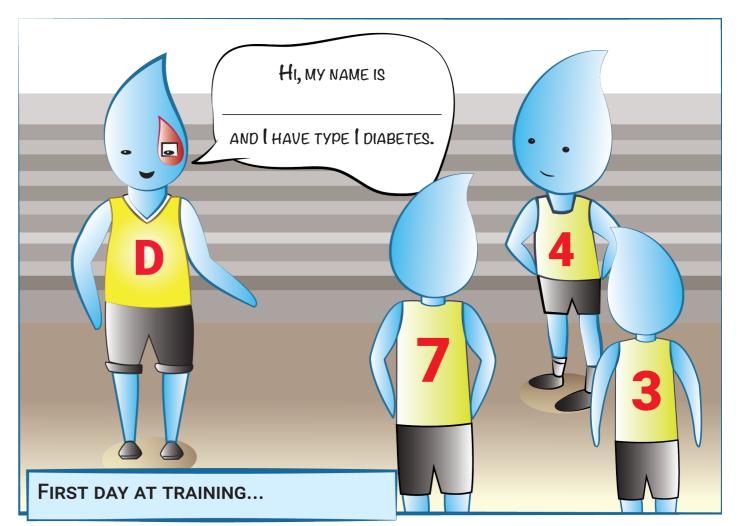
Here is your easy guide to diabetes and sport. Just fill in the blank spaces to make it personal to you. If you like, you can show it to your friends and teammates to help them understand diabetes too.

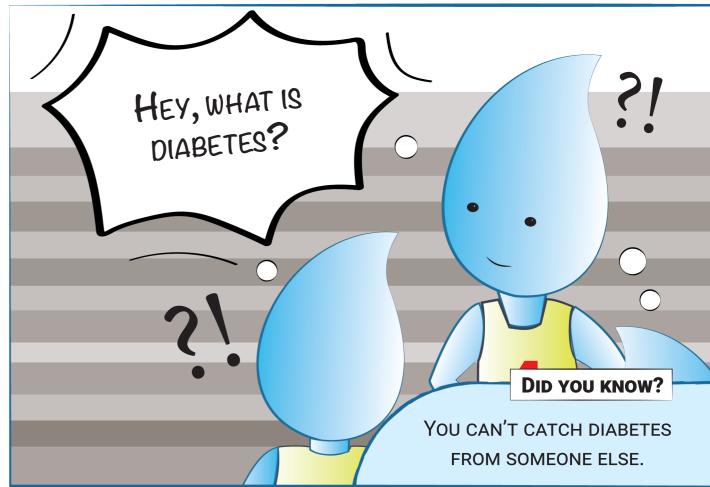


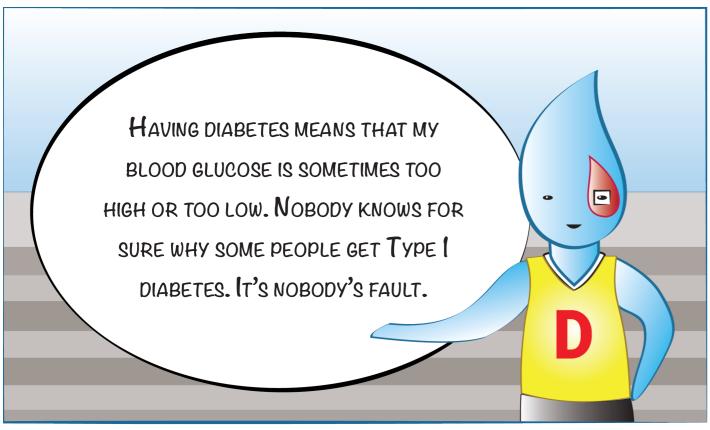
www.sportsanddiabetes.eu

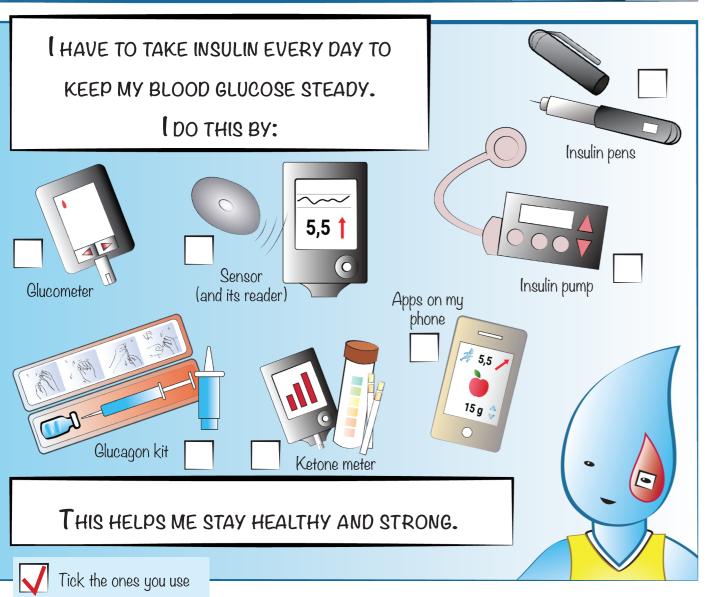
# YES, I CAN PLAY SPORTS!

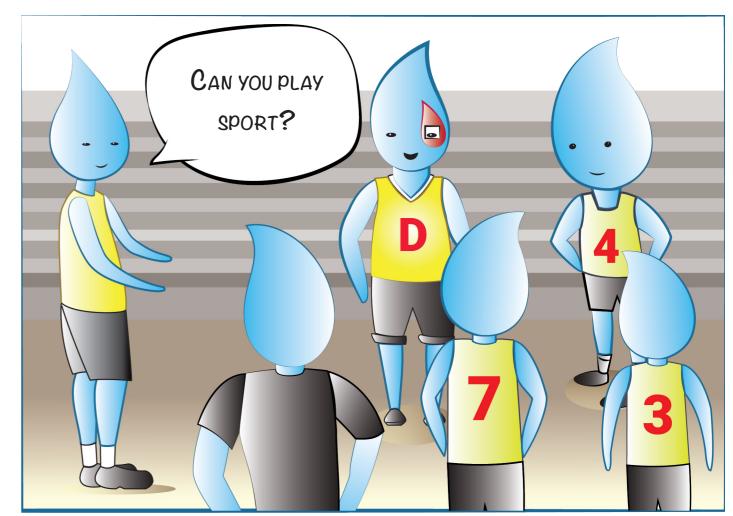


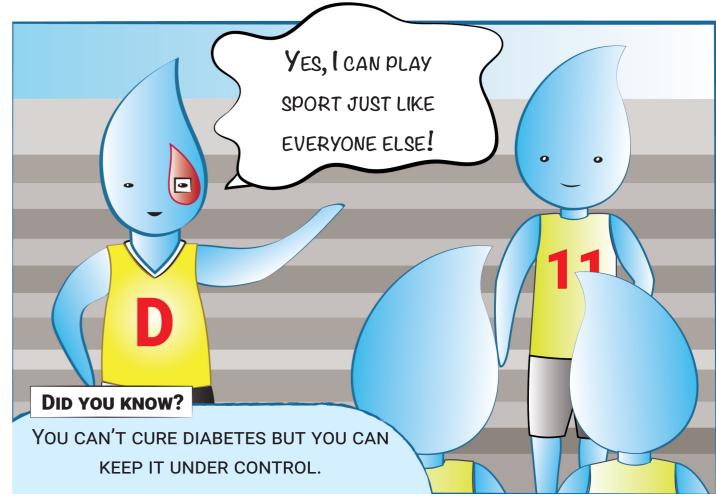


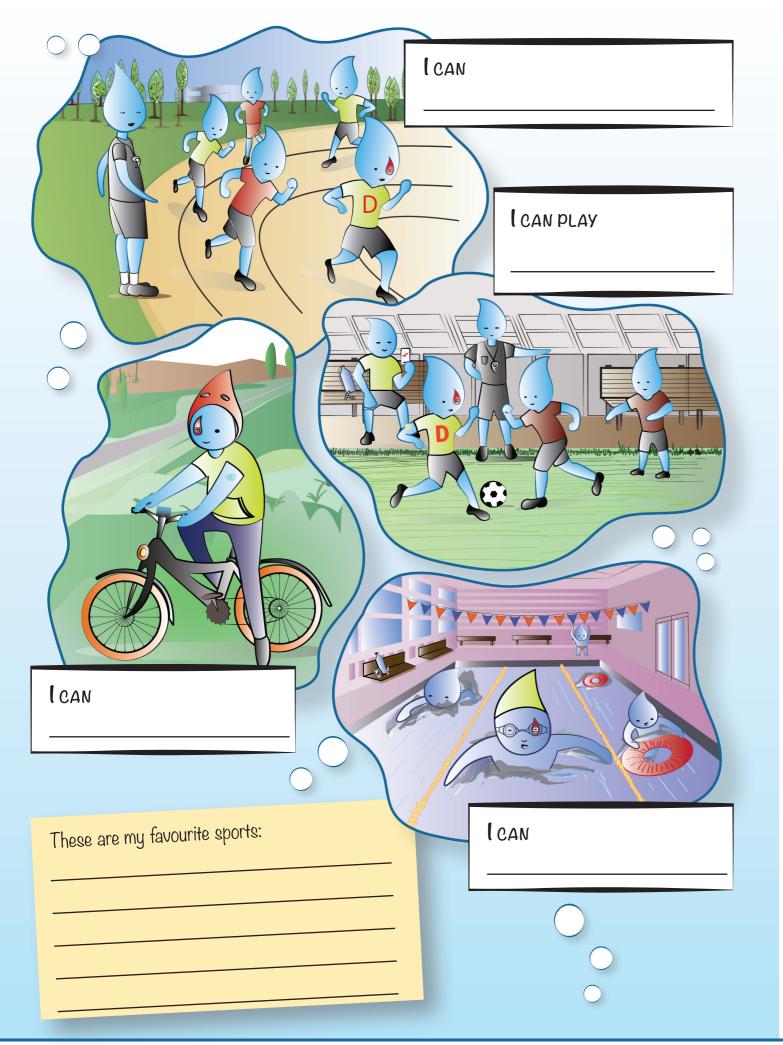


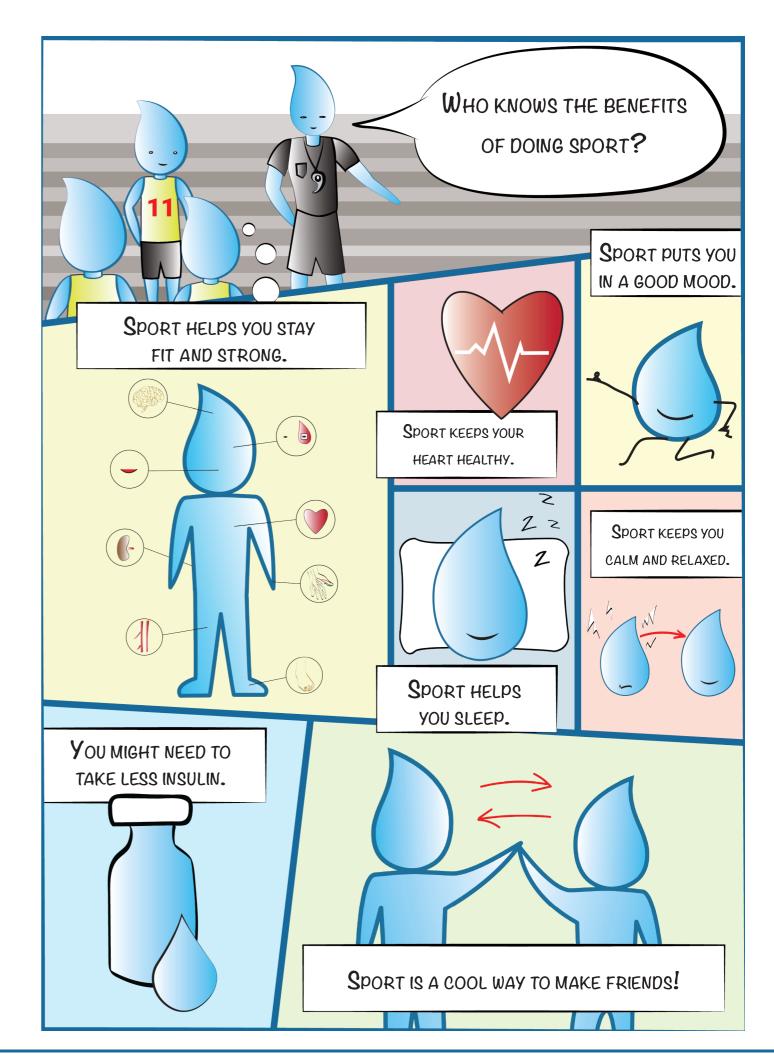












# STORY 2 WHAT TO DO IN TRAINING

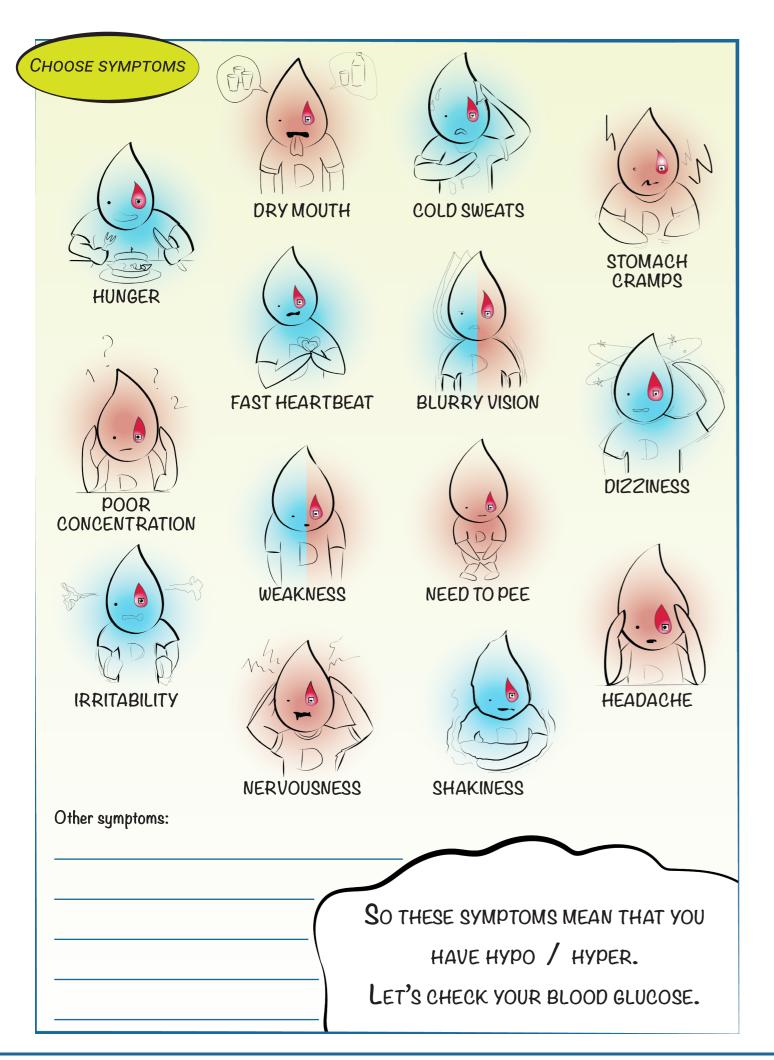




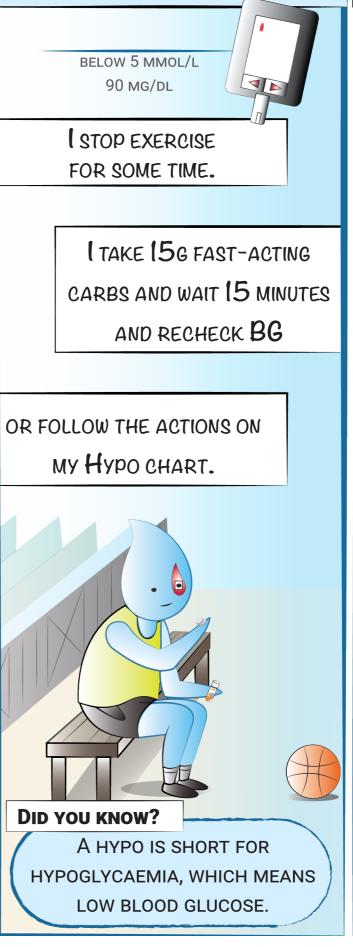
### ON THE TRAINING FIELD BEFORE I DO ANY EXERCISE THERE IS ONE IMPORTANT THING I HAVE TO CHECK. DO YOU KNOW WHAT IT IS? YES, OF COURSE. I NEED TO CHECK MY BLOOD GLUCOSE! WE'RE ABOUT TO BEGIN TRAINING. DID YOU CHECK YOUR BLOOD GLUCOSE? YES, AND IT'S 5 - 14 MMOL/L BELOW 90 - 250 MG/DL ABOVE 5 MMOL/L 14 MMOL/L 90 MG/DL 250 MG/DL ... THAT MEANS IT IS ... THAT MEANS IT IS ... THAT MEANS IT IS 'GOOD'. HIGH. LOW. CHECK YOUR CHECK YOUR ACTION CHECK YOUR SCHEDULE AND START HYPO CHART HYPER CHART FOR WHAT TO DO. TRAINING. FOR WHAT TO DO.

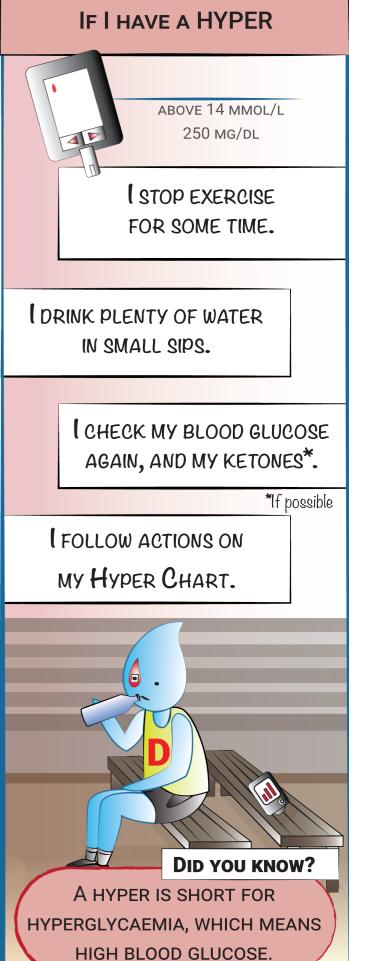
### **ALL ABOUT HYPOS & HYPERS**

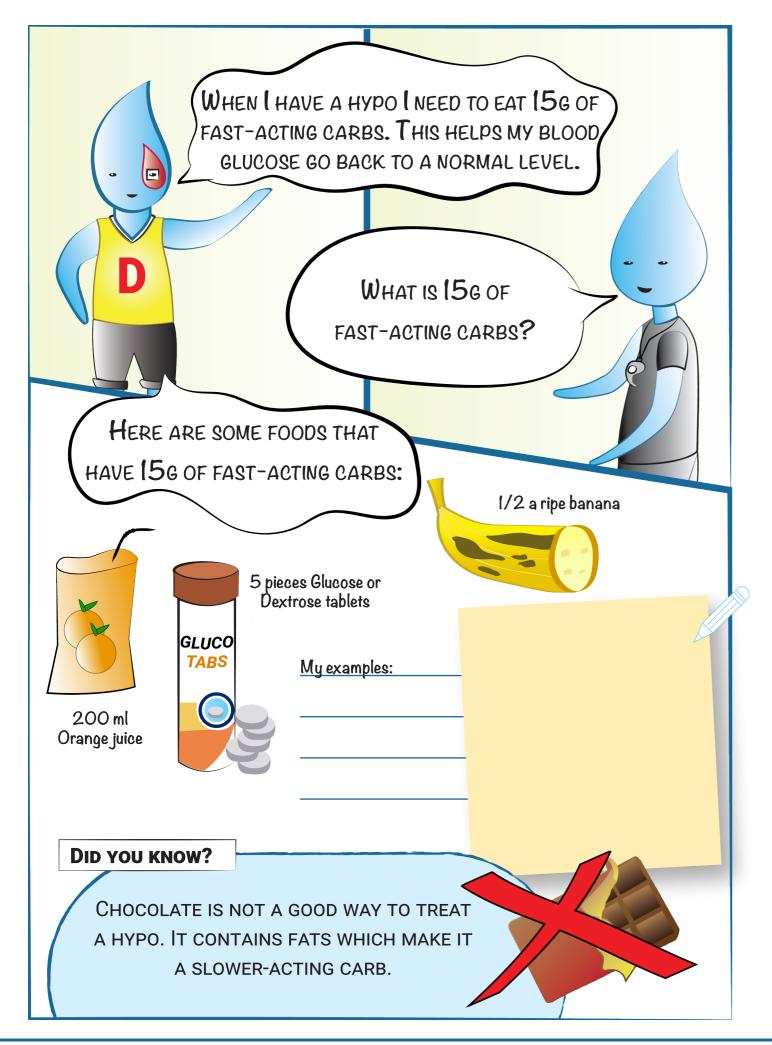


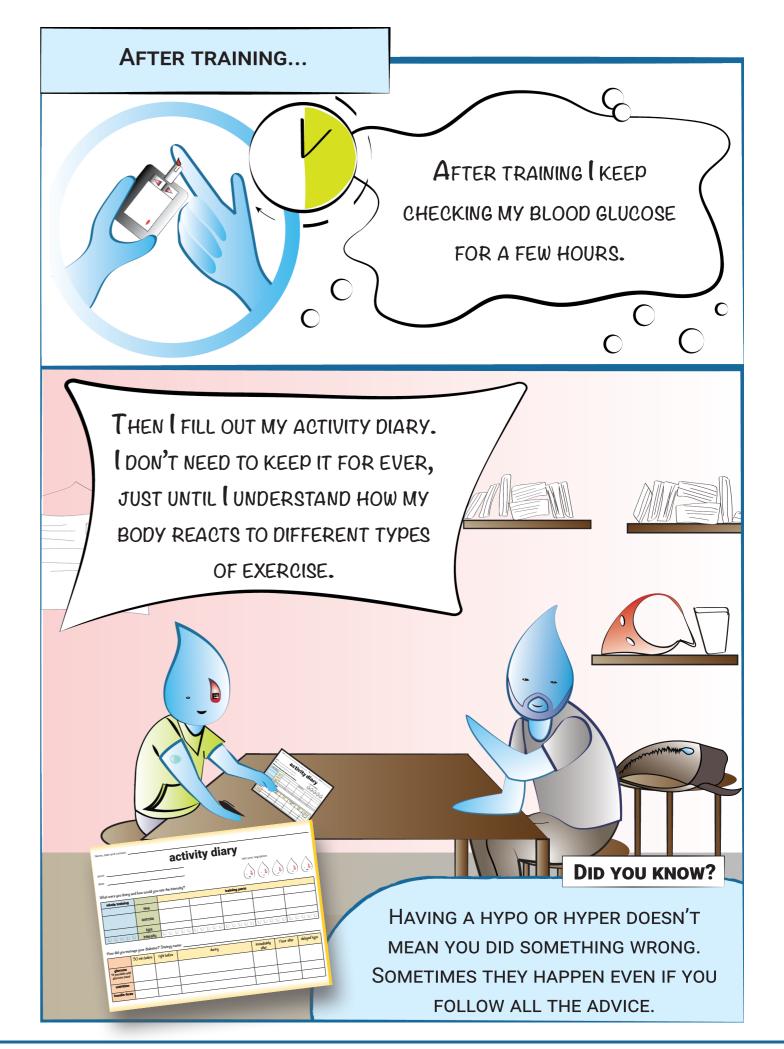




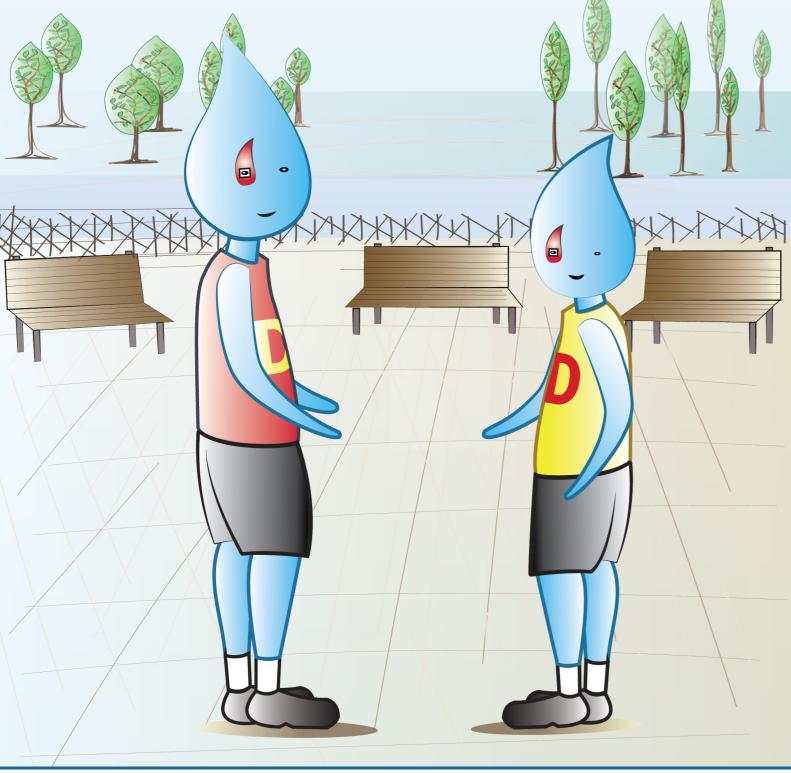


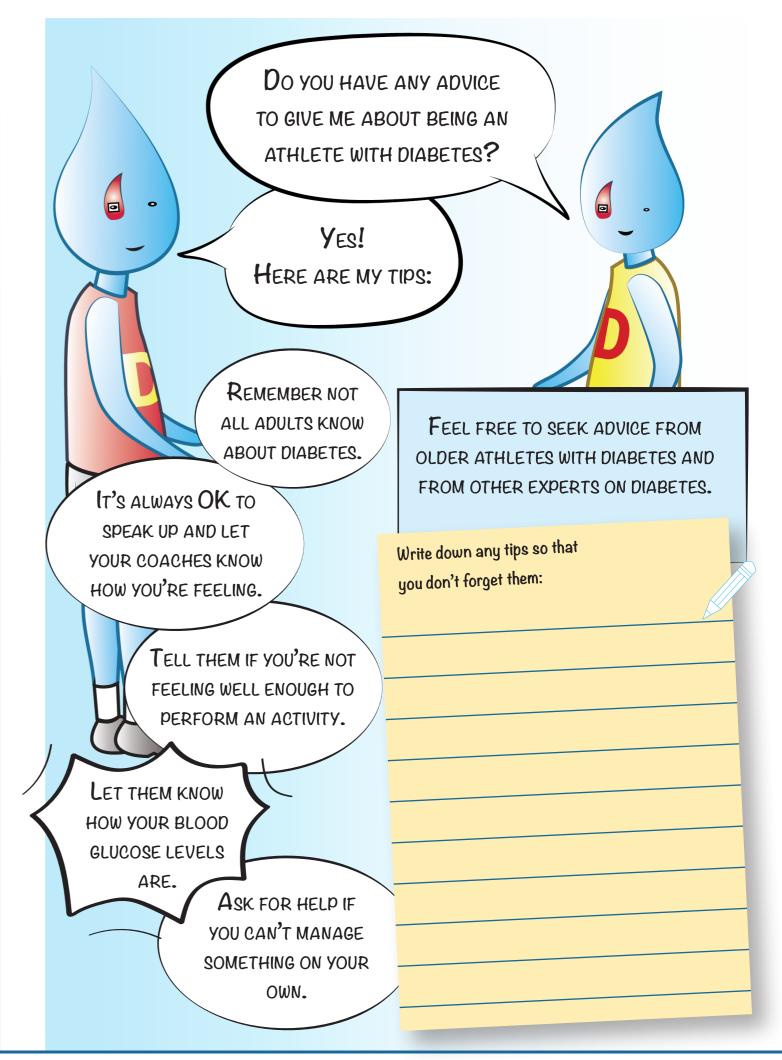






# STORY 3 IT'S GOOD TO TALK





DO YOU WORRY ABOUT
HOW TO TALK TO
YOUR FRIENDS ABOUT
DIABETES?

HERE ARE SOME IDEAS TO HELP YOU
FEEL MORE CONFIDENT TO START THE
CONVERSATION ABOUT DIABETES...

### **IDEAS**

Ask your parents to help you collect information on diabetes to share with friends and teammates. Show them that you can do everything they can, like play, run and eat normal food.

BE PATIENT WITH OTHERS IF THEY ARE CURIOUS OR IF THEY REACT IN A NEGATIVE WAY. DIABETES MAY BE A NEW TOPIC FOR THEM.

PRACTISE HOW TO SAY 'NO' IN
A POLITE WAY. THERE MIGHT
BE TIMES WHEN YOU DON'T FEEL
COMFORTABLE TALKING ABOUT YOUR
DIABETES OR DOING AN ACTIVITY.

PREPARE A PROJECT WHERE
YOU EXPLAIN WHAT DIABETES IS.
INCLUDE PICTURES OF YOUR DAILY
ROUTINE AND DRAW A DIAGRAM
OF THE DEVICES YOU USE.

YOU COULD FILM A VIDEO CALLED 'ONE DAY WITH DIABETES' WHERE YOU SHOW WHAT YOUR LIFE IS LIKE WITH DIABETES.

ASK YOUR PARENTS TO HELP YOU PRACTISE ANSWERING QUESTIONS. FOR EXAMPLE, A FRIEND MIGHT ASK WHAT IT'S LIKE TO TAKE A BLOOD GLUCOSE READING, HOW AN INSULIN PUMP OR PEN WORKS OR HOW TO COUNT CARBS.

Can you think of other ideas of things you can do?

Write them here:

### IT'S OK

TO FEEL SAD OR ANGRY SOMETIMES. HERE ARE SOME THINGS YOU CAN DO TO HELP YOURSELF FEEL BETTER:

TALK TO YOUR

PARENTS OR CARERS ABOUT

HOW YOU FEEL AND TELL THEM

HOW THEY CAN HELP YOU.

BE WILLING
TO LEARN ABOUT YOUR
DIABETES. ONCE YOU KNOW
ALL THE FACTS, YOU WILL FEEL
MORE COMFORTABLE ABOUT
YOURSELF.

SHARE ANY BAD
THOUGHTS YOU HAVE WITH THE
PEOPLE YOU LOVE.

Don't be
AFRAID TO TAKE PART IN THE
SPORTS YOU ENJOY. DIABETES
DOES NOT STOP YOU FROM DOING
SPORTS OR ANYTHING ELSE THAT
YOU WANT TO ACHIEVE!

IF YOU FEEL
SCARED OF HAVING A HYPO,
MAKE SURE YOU TALK ABOUT IT
WITH YOUR PARENTS SO THAT YOU
CAN FIND A SOLUTION.

SOME CHILDREN
WITH DIABETES START TO FEEL
BAD ABOUT THEIR BODY. IF YOU FEEL
LIKE THIS, MAKE A LIST OF ALL THE
GOOD THINGS ABOUT YOURSELF.

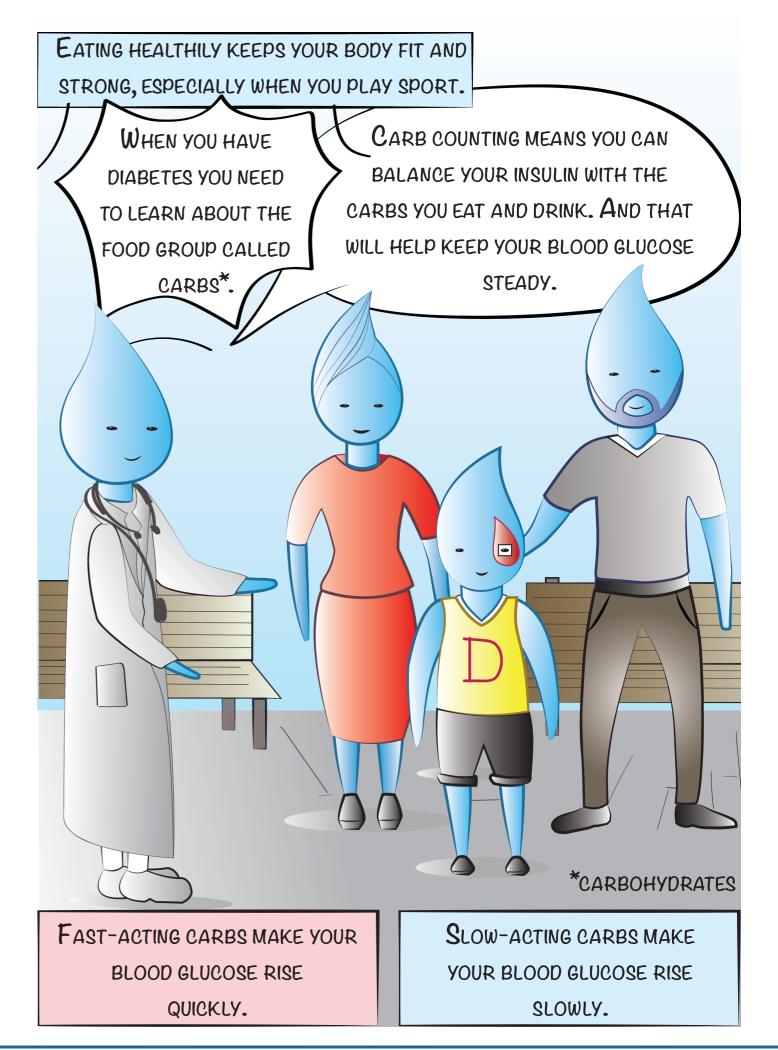
Good things about myself:

YOU DON'T NEED TO
PROVE YOURSELF TO ANYONE. JUST
BE YOURSELF.

ENJOY YOUR LIFE, DO FUN THINGS, MAKE FRIENDS, AND REMIND YOURSELF THAT YOU ARE LIKE ANY OTHER PERSON.

# STORY 4 ALL ABOUT NUTRITION

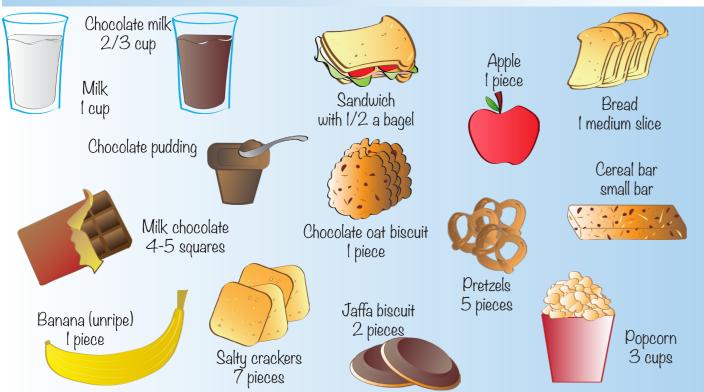




### **EATING BEFORE SPORT**

BEFORE DOING EXERCISE, IT'S BEST TO EAT SLOW-ACTING CARBS.

HERE ARE SOME FOODS WITH ABOUT 15 G OF SLOW-ACTING CARBS:

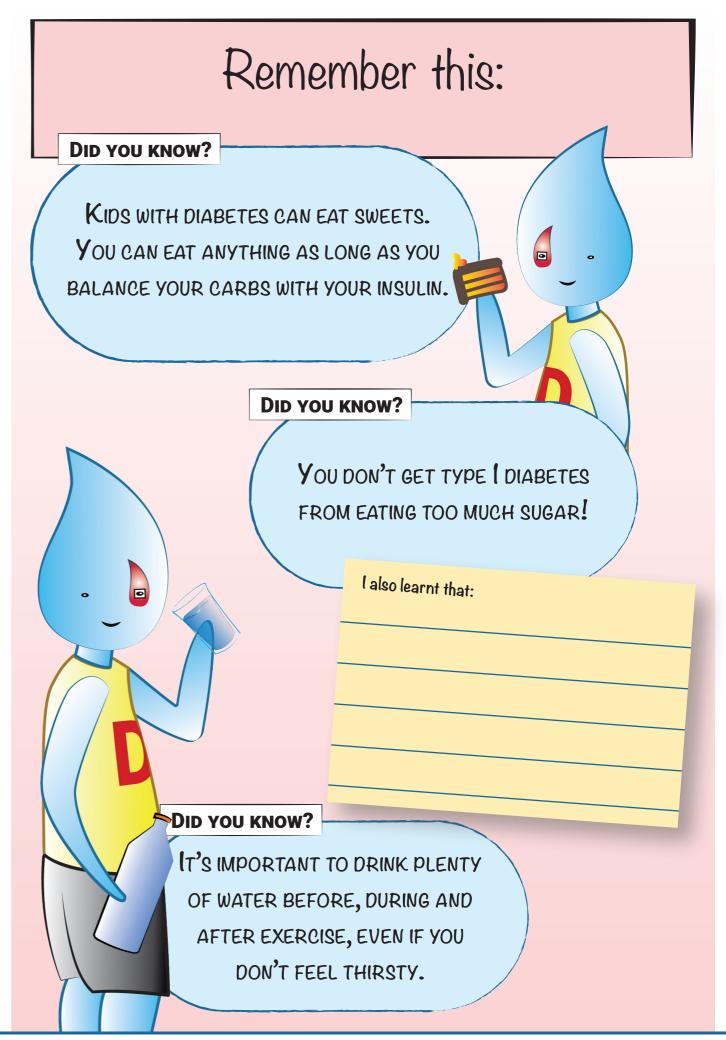


### **EATING DURING AND AFTER SPORT**

It'S BEST TO EAT FAST-ACTING CARBS DURING AND AFTER EXERCISE, AND
WHEN YOUR BLOOD GLUCOSE IS LOW.

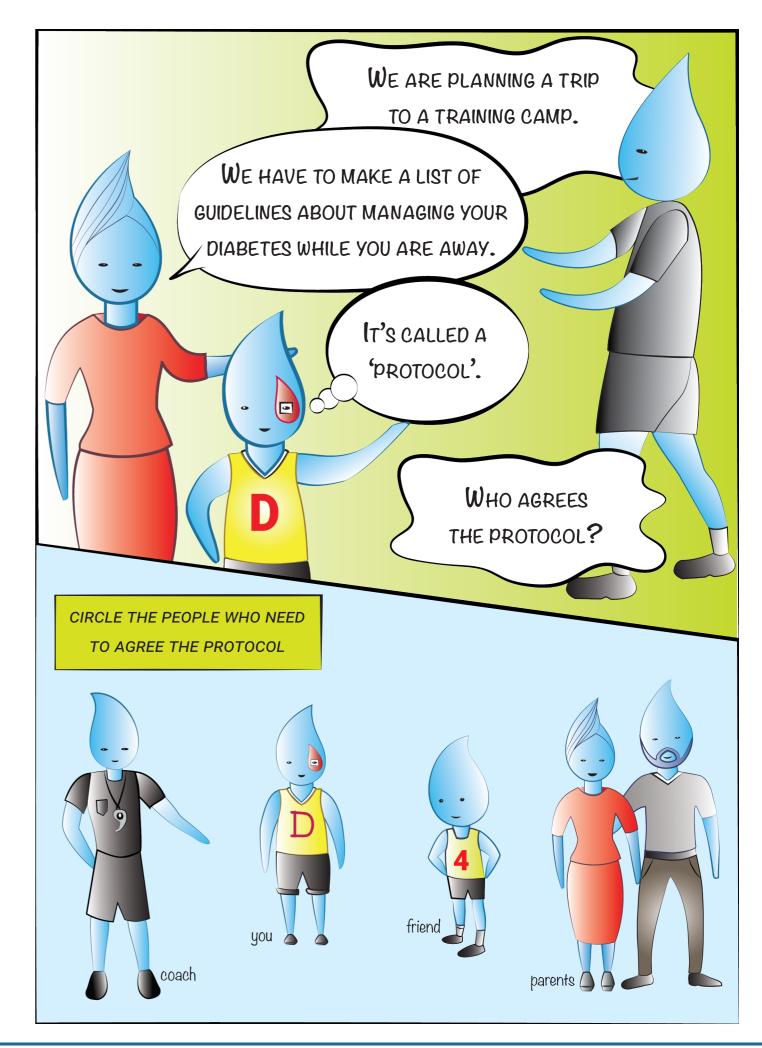
HERE ARE SOME FOODS WITH ABOUT 15 G OF FAST-ACTING CARBS:





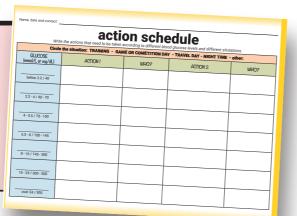
# STORY 5 TIPS FOR TRAVELLING

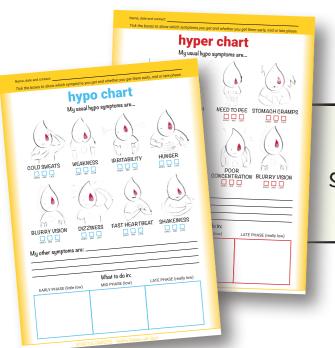




### WE ALSO NEED TO TAKE THREE CHARTS:

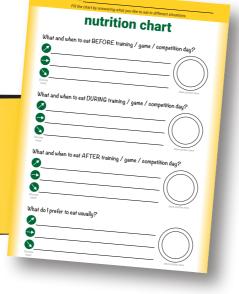
AN ACTION SCHEDULE, A CHART SHOWING WHAT TO DO WHEN YOUR BLOOD GLUCOSE IS AT DIFFERENT LEVELS.





YOUR HYPO & HYPER CHART, SHOWING WHAT TO DO IN CASE YOU HAVE A HYPO OR HYPER.

YOUR NUTRITION CHART,
SHOWING YOUR EATING
HABITS.



### LET'S CHECK A LIST OF WHAT I NEED TO TAKE. INSULIN VIALS INSULIN COOLER BAGS OR SACHETS INSULIN PENS (SHORT- AND LONG-LASTING) BACK-UP PENS NEEDLES amna ninnsul BACK-UP FOR PUMP (PEN) INFUSION SETS BATTERIES NSERTER SENSORS INSERTER TAPE CHARGER BATTERIES BLOOD GLUCOSE METER BACK-UP GLUCOSE METER TEST STRIPS LANCETS GLUCOSE TABS - DEXTROSE PREFERRED SNACKS KETONE METER GLUCAGON KIT DIABETES PASSPORT OR SIMILAR DOCTOR'S/NURSE'S TELEPHONE NUMBER AND EMAIL ADDRESS CARBOHYDRATE APP OR BOOK DOCUMENT OF DOPING EXEMPTION - THERAPEUTIC USE EXEMPTION (TUE) **₹** 5,5 ACTION SCHEDULE Hypo & Hyper CHARTS 15 g NUTRITION CHART If using put a mark



You can find the following charts for printing as well as examples of how to fill them in on the project's website.

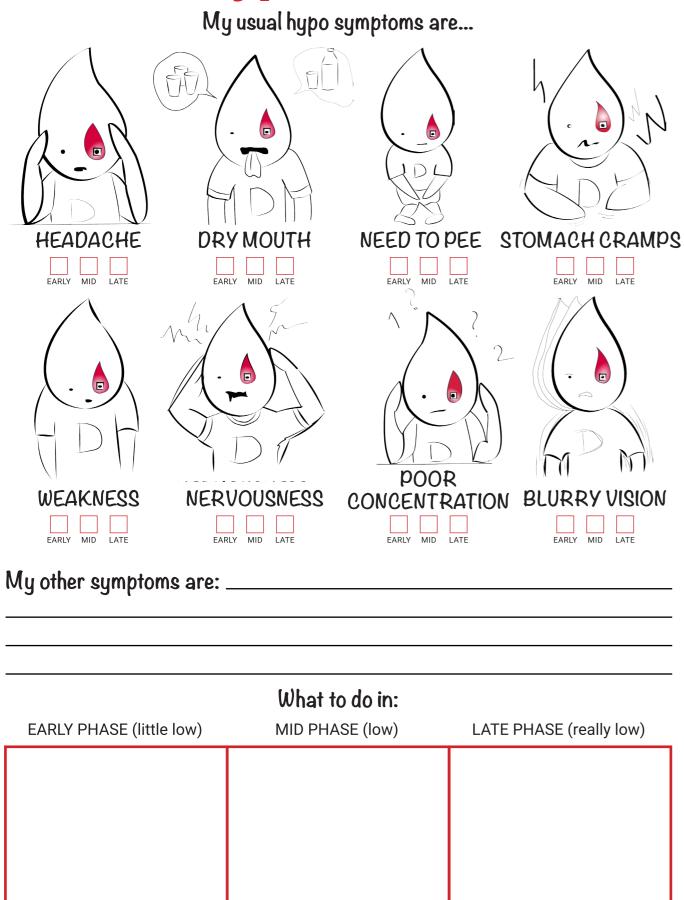


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	hvpo	chart	
	_	symptoms are	
COLD SWEATS  EARLY MID LATE	WEAKNESS  EARLY MID LATE	IRRITABILIT  EARLY MID LATE	Y HUNGER  EARLY MID LATE
BLURRY VISION  EARLY MID LATE	DIZZINESS  EARLY MID LATE	FAST HEARTB	EAT SHAKEINESS  EARLY MID LATE
My other symptoms	are:		
	What t	o do in:	
EARLY PHASE (little lov	w) MID PH	ASE (low)	LATE PHASE (really low)

Fill the chart by answering what you like to eat in different situations.

## hyper chart



### nutrition chart

What and when to eat BEFORE training / game / compet	tition day?
Glucose trend	draw portion here
What and when to eat DURING training / game / competit	tion day?
Glucose trend	draw portion here
What and when to eat AFTER training / game / competition	ion day?
Glucose trend	draw portion here
What do I prefer to eat usually?	
Glucose	draw portion here

Glucose trend

Fill the chart by answering what you like to eat in different situations.

### nutrition chart

What and when to eat BEFORE training / game / compet	ition day?
Glucose trend	draw portion here
What and when to eat DURING training / game / competit	tion day?
Glucose trend	draw portion here
What and when to eat AFTER training / game / competition	ion day?
Glucose trend	draw portion here
What do I prefer to eat usually?	
Glucose	draw portion here

Name, date and contact:

rate your regulation:

training parts intensity exercise whole training

How did you ma	How did you manage your diabetes? Stategy name:	tes? Stategy na	ıme:			
	30 min before right before	right before	during	immediately after	l hour after	delayed hypo
glucose *if possible add glucose trend						
nutrition						
insulin dose						

What were you doing and how would you rate the intensity?

date:

#if possible add glucose trend  nutrition insulin dose		30 min before right before	right before	during	immediately after	1 hour after	delayed hypo
insulin dose	<b>glucose</b> *if possible add glucose trend						
insulin dose	nutrition						
	insulin dose						

How did you manage your diabetes? Stategy name: \_\_\_\_

What were you doing and how would you rate the intensity?	nd how would yo	u rate the intensity?
whole training		training parts
	time	
	exercise	
	type	
	intensity	TTTT Intensity TTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTT

activity diary

sport:

Name, date and contact:

**actions** that need to be taken according to different blood glucose levels and different situtations.

Name, date and contact:

		WHO?							
allons.	· other:	W							
While the actions that heed to be taken according to different blood glacose levels and different situations.	GAME OR COMETITION DAY - TRAVEL DAY - NIGHT TIME - other:	ACTION 2							
ccoluing to uniterent ploo	IE OR COMETITION DAY	WHO?							
lle actions mai meed to be taken a	Circle the situation: TRAINING - GAMI	ACTION I							
אוונע	Circle t	GLUCOSE (mmol/L or mg/dL)	below 2.2 / 40	2.2 - 4 / 40 - 70	4-5.5/70-100	5.5 - 8 / 100 - 145	8-16/145-300	16-24/300-500	over 24 / 500

over 24 / 500	16-24/300-500	8-16/145-300	5.5 - 8 / 100 - 145	4-5.5/70-100	2.2 - 4 / 40 - 70	below 2.2 / 40	GLUCOSE (mmol/L or mg/dL)	Circle t
							ACTION I	Circle the situation: TRAINING - GAME OR COMETITION DAY - TRAVEL DAY - NIGHT TIME
							SOHM	E OR COMETITION DAY
							ACTION 2	- TRAVEL DAY - NIGHT TIME -
							SOHM	- other:

Name, date and contact:

action schedule

Write the actions that need to be taken according to different blood glucose levels and different situtations.

