

Non-Invasive Blood Glucose Monitoring in Ears

Seminar Paper

by

Andrej Vladimirovič Ermoshkin

Chair of Pervasive Computing Systems/TECO
Institute of Telematics
Department of Informatics

First Reviewer:

Eintragen

Second Reviewer:

Eintragen

Supervisor:

Supraja Ramesh

Project Period: 29/04/2025 – 30/09/2025

Abstract

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

And after the second paragraph follows the third paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the

original language. There is no need for special content, but the length of words should match the language.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

TODO

Contents

Abstract	i
1 Introduction and motivation	1
1.1 Background on Diabetes	1
1.2 Importance of Blood Glucose Monitoring (BGL)	1
1.3 Limitations of Invasive and Minimally Invasive Methods	1
1.4 Goal and Scope of This Paper	1
List of Figures	3
List of Tables	5
List of Publications	7
Journal articles	7
Conference contributions	7
Bibliography	9

1 Introduction and motivation

1.1 Background on Diabetes

1.2 Importance of Blood Glucose Monitoring (BGL)

1.3 Limitations of Invasive and Minimally Invasive Methods

1.4 Goal and Scope of This Paper

List of Figures

List of Tables

List of Publications

Journal articles

Joe Bloggs. Title of paper a. *International Journal*, 6(3–4):371–378, 1998. doi: 10.1017/S1754078714006221.

Joe Bloggs. Title of paper b. *International Journal*, 8(9–27):371–378, 1999. doi: 10.1017/S1754078714006221.

Conference contributions

Joe Bloggs. Title of paper c. In *IEEE International Conference*, pages 1–4, April 2015. doi: 10.1509.

Joe Bloggs. Title of paper d. In *IEEE International Conference*, pages 6–45, April 2016. doi: 10.1509.

Bibliography

Conrad Book. *Title of Book*. Publisher, Address, 2nd edition, 2021.

Anna Journal. Title of article. *Name of Journal*, 6(3–4):371–378, 2000. doi: 10.1017/S1754078714006221.