

THESIS FORMAT GUIDELINES



FOUNDATION UNIVERSITY INSTITUTE OF REHABILITATION SCIENCES

FOUNDATION UNIVERSITY ISLAMABAD – PAKISTAN

FORMATING GUIDELINES

1. General Guidelines:

- a. Students can start the Research work following synopsis defense after receiving the approval from supervisor, Ethics Committee and Institutional Research Committee (IRC).
- b. The Research work must be completed as per the protocol and details specified in synopsis. Any modification or deviation from original plan can only be done after getting approval from IRC.
- c. If the tables, figures, diagrams, photographs or any other type of illustrations are reproduced from published literature, they must be properly acknowledged in the thesis.
- d. Under graduate students should prefer to use the descriptive study design, Students can also conduct review studies on unique topics provided they are able to justify the need/significance of study. Students are not allowed to use case report as thesis project nor are allowed to conduct Interventional studies at this level due to time constraints and ethical issues related provision of intervention and patient/clinician relation.
- e. If the student wishes to change the supervisor, he/she must intimate the original supervisor in writing that he/she is applying for change of supervisor and submit documentary evidence with full justification to Institutional Research Committee (IRC).
- f. It is at committee/ Chair IRCs discretion to allow changing the supervisor.

2. Submission of thesis:

- a. Copies of thesis must be submitted to supervisor in mention date.
- b. After the acceptance from defense committee, it will be given in hard binding.
- c. Submission format:

1. Soft Form:

- a. Soft form of thesis should be submitted in a Compact Disc with Clear details of this title, students name and registration no and supervisor name on cover of CD pack.
- b. Soft form of the final Thesis should be in single file in PDF and Doc format including signed Student Academic Progress report, Declaration by students, Supervisor certificate and thesis defense committee certificate.

- c. CD should contain the final Thesis in PDF and Doc format, Data file (SPSS and/or Excel file) and data collection tools.

2. Hard Form:

- a. Each Student group should submit one hard colored copy for library to supervisor contain copies of all form duly signed by concerned persons.
- b. Hard Form of Thesis should be Printed on 80 Gram A4 Size Page and should be printed on one side only i.e. Right page.
- c. Color of the thesis binding shall be Blue with Golden printing of text. Title of thesis, students name, session year, program and the institute name should be printed on face side of the binding. (Sample attached as Annex A) Moreover, the running title along with Thesis Project ID no allotted by university must run on the side of binding so that thesis title is visible once shelved in library.
- d. Binded hard copy for library must be duly signed by all relevant parties.
- e. Final clearance of graduate will only be done following submission of final hard and soft forms; without which transcript and degree will not be issued.

3. Length of the thesis:

The thesis should be no less than 7000 words excluding initial pages, abstract, bibliography and appendices.

4. Text Format:

- a. Writing Style - Calibri
- b. Font Style, Size & Numbering Format:
 1. **Body of text:** Lower Case, Normal, Size 12
 2. **Chapter Heading:** UPPER CASE/BLOCK LETTERS, Bold, Size 16, Centered
 3. **Heading 1 (First Major Heading):** UPPER CASE/BLOCK LETTERS, Bold, Size 14, Left Indented (1.1.)
 4. **Heading 2 (Sub-Heading to Major Heading):** Lower Case, Bold, Size 12 (1.1.1.) Left Indented
 5. **Heading 3 (Sub-Heading to Heading 2):** Lower Case, Bold, Size 12 (1.1.1.1.) Left Indented

6. **Heading 4 (Sub-Heading to Heading 3):** Lower Case, Bold, Size 12 (1.1.1.1.1.) Left Indented 0.5'

5. Line and Para Spacing:

- a. Students should use **1.5 spacing between lines** of the text.
- b. **No spacing** should be used **before or after the para**. It should be consistent to line spacing i.e. 1.5
- c. New para should start after 6 spaces.

6. Margins:

- a. **Left Side** Thesis Margin should be **1.5 Inches** to provide adequate space for binding.
- b. The **remaining** three (3) sides of the page, top, right side and bottom, must have a **1inch** margin.
- c. Mentioned requirements apply to all pages including graphs, tables, text and appendices etc.
- d. When landscaping page orientation for a chart or table, etc. the binding side must maintain the 1.5 inches margin.

7. Pagination

- a. For the **initial pages** of the thesis including Student declaration, defense committee certificate, supervisor certificate, acknowledgement etc. use **small Roman numerals (ii, iii, iv, etc.)**.
- b. Starting from introduction **all remaining of thesis** including text, illustrations, appendices and bibliography should be numbered using **Arabic numerical (1, 2, 3, 4, etc.)**
- c. The numbering begins with ii on the Academic progress report section. While the title page counts as "i", there should be no page number visible on the title page.
- d. All pages of the manuscript must be assigned a page number.
- e. Pages containing charts, graphs, tables, or photographs must be numbered consecutively with the text.
- f. Each page must be numbered within the margin. All page numbers must be **centered at the bottom of the page**.
- g. Each Chapter Heading should start from New page.

8. Header:

The running title should be written on right top of all pages in *Calibri, BOLD, Size 10*.

9. Figures:

- a. Figures and pictures should clarify and augment the text. The selection of sharp, high-quality illustrations is of paramount importance. Figures of inferior quality should not be used.
- b. For x-ray films, scans, and other diagnostic images, pictures of pathology specimens or photographs, high-resolution photographic image files are recommended.
- c. Internal scale markers. Symbols, arrows, or letters used in photographs for measurements should stand out on the background.
- d. Place all the figures where such figures/graphs are being discussed.
- e. Figures should be centralized.
- f. Legends/Titles should be placed below the figure along detailed explanations. Legends should be centralized.
- g. Figures/pictures included from a published article or source, should be cited or source should be mentioned along with figure/pictures.

10. Tables:

- a. Data should be placed clearly and concisely to enable the reader to comprehend easily.
- b. Tables should be numbered consecutively and cited in the text. Arabic numerals (i.e. 1, 2, 3, 4 etc) should be used.
- c. The tables should be placed along with the results where they are being stated along with text.
- d. The tables should be added in MS Word. Do not attach tables in the form of pictures.
- e. Tables should be centralized
- f. Provide a short and self-explanatory Legends/title and should be written on top of the table and should be centralized.
- g. In case of use of abbreviated form provide full description in Footnotes should elaborate on the abbreviations.
- h. If any data or table has been included from a published article or source, should be cited or source should be mentioned along with Table.

11. Authorship and Post thesis publication:

- a. The ICMJE recommends that authorship be based on the following 4 criteria:
 1. Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
 2. Drafting the work or revising it critically for important intellectual content; AND
 3. Final approval of the version to be published; AND
 4. Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved."
- b. It is common view that supervisors name come as first author but unfortunately its not correct. It may seem strange but head of a research project i.e. supervisor is typically listed at the end. This does not mean that he/she has done the least work. Often, the last position in the list of authors is for the "senior author", that is, the person who has supervised the work.
- c. Students order should be listed in the order of their contributions and the person who has made the greatest contribution should appear first. However, names can also be listed alphabetically order.
- d. The research work documented in the thesis will be the property of the University but the author can publish the work elsewhere with the proper acknowledgment of the University.

CONTENT OF THESIS

Thesis should include following Components

1. INITIAL PAGES

- a. Title Page (Sample attached as Annex B)
- b. Abstract (Sample attached as Annex C)
- c. Student academic Report (Sample attached as Annex D)
- d. Student Declaration (Sample attached as Annex E)
- e. Supervisor Certificate (Sample attached as Annex F)
- f. Defense Committee Certificate (Sample attached as Annex G)
- g. Dedication (optional)
- h. Acknowledgement
- i. Table of Content (Sample attached as Annex H)
- j. List of Tables (Sample attached as Annex J)
- k. List of Figures (Sample attached as Annex K)
- l. List of Abbreviations (Sample attached as Annex L)

2. BODY OF THESIS

- a. Chapter – I Introduction
- b. Chapter – II Literature Review
- c. Chapter – III Objectives of Study
- d. Chapter – IV Hypothesis of Study
 - 4.1. Alternate Hypothesis
 - 4.2. Null Hypothesis
- e. Chapter – V Methodology
- f. Chapter – VI Results
- g. Chapter – VII Discussion
- h. Conclusions
- i. Limitations of Study
- j. Recommendations of Study
- k. References/Bibliography

- I. Appendices
 1. Title Approval Letter
 2. Ethical Approval Letter
 3. Turnitin Similarity Report
 4. Data Collection Tools/Questionnaire Sample
 5. Permission letter for data collection
 6. Any other Appendix

DETAILS OF CONTENT OF THESIS

1. Title of Thesis:

- a. The title of a thesis is usually the very first thing that people see when considering it as potential read. If a title is vague or uninteresting, potential readers may not be inclined to read the thesis. Considering this student can change the title of the thesis from that of given in synopsis.
- b. The title should preferably contain less than 15 words but students may choose to write a long title if they feel such a title is appropriate for their paper.
- c. The title should clearly convey the scope of the research reported in the paper and be written without abbreviations or acronyms as far as possible.
- d. It is up to the Students to decide whether they want to mention any result. A discovery that can be easily conveyed in a few words is a good choice for inclusion in a title.

2. Abstract

Body of the Abstract should be 250-300 words [excluding Keywords]. Abstract should be structured and should Include Background & Objective, Methodology, Results, conclusion and keywords as headings.

3. Acknowledgement:

- a. In Acknowledgement section students can thank the people who have helped them with their research in some way as well as any funders who have supported your work.
- b. Examples of people you can thank: A technician who helped you use a scientific instrument, A colleague who reviewed the paper and provided useful comments or statistical help, A language editor who made the text of your paper clearer etc

4. Equations:

Equations should be entered in the text using equation generator from insert tab or using command key "Alt + =" in Ms word. Equation should be in separate line should be centralized, numbered and must be referred in text.

5. Tables of Contents:

Table of content should contain headings and all sub headings till third heading level (Heading 3) of the thesis, references, and appendices. The fourth level of heading can be omitted from table of content to make it concise. (Sample attached as Annex H)

6. List of Tables:

All the tables in the main body of the thesis with title and page number are to be listed in List of Tables. (Sample attached as Annex J)

7. List of figures/Graphs/Illustrations:

All graphs, figures and pictures should be captioned in main body and hence a full list including their title should be given under list of figures. (Sample attached as Annex K)

8. List of Abbreviations

A list of all abbreviation used in the text must also be attached in the initial pages of thesis. Only standard term and abbreviations preferably MeSH terms must be used if needed in the thesis. When using for the first time, a full word or phrase, together with its abbreviation in bracket except for standard units, must be mentioned. (Sample attached as Annex L)

9. Introduction:

- a. Body of the thesis will start from introduction and should begin from page 1.
- b. Introduction will be considered as Chapter I of the thesis and “Introduction” will be considered Chapter heading. i.e.

CHAPTER I

INTRODUCTION

- c. Write introduction using the funnel method, starting from two broad topics, identifying problems & issues giving a brief background and coming to reason for conduction of this study/what new will your study be evaluating including its impact. Broadly speaking identify the research gap and significance of the study.
- d. Write the significance and rationale of the study by looking into the general contribution of your study to the scientific evidence and the community, starting from importance to society as a whole, then proceed downwards towards its contribution to individuals

- e. Minimum word count of introduction should be at least 1,250 words.

10. Literature Review

- a. Literature Review will be considered as Chapter II of the thesis and “Literature Review” will be considered as Chapter heading. i.e.

CHAPTER II

LITRETURE REVIEW

- b. Literature review should consist of brief summaries of relevant research articles and their critical appraisal.
- c. Literature review should consist of review and critical appraisal of at least 10 relevant research articles with 70 % literature from Last 10 years out of which 50% from last 5 years. Student can use old reference in exceptional cases e.g. giving definitions, details of tools etc.

11. Objectives of Study

- a. Objectives of Study will be considered as Chapter III and “Objectives of Study” will be considered as chapter heading. i.e.

CHAPTER III

OBJECTIVES OF STUDY

- b. Provide a concrete, clear and quantifiable statement describing what the research is trying to achieve. Should follow the SMART/SMARTER guidelines
- c. Provide Objectives in numeric bullet format. i.e. 1, 2, 3.
- d. Students can also divide the objectives under headings of primary and secondary objectives.

12. Hypothesis of Study

- a. Hypothesis of Study Heading will be considered as Chapter IV and “Hypothesis of study” will be considered as chapter heading i.e.

CHAPTER IV

HYPOTHESIS OF STUDY

- b. If Applicable (otherwise skip hypothesis of study as chapter heading and consider methodology as chapter IV) please provide Specific, clear, and testable proposition or

predictive statement about the possible outcome of your research study based on a particular property of a population.

- c. Depending upon the objectives students are to clearly provide alternate and null hypothesis of the study under subheading of Alternate and Null hypothesis.
- d. Provide the alternate and null Hypothesis bullet form using 1H_A , 2H_A , 3H_A etc. for alternate Hypothesis and 1H_0 , 2H_0 , 3H_0 etc. for Null hypothesis.

13. Methodology:

Methodology will be considered as Chapter V , “Methodology” will be considered as chapter heading i.e.

CHAPTER V METHODOLOGY

Chapter V will contain following sub headings. (Numbering of Heading is with relevance to thesis chapter)

5.1. Study Design

Provide adequate detail of study design instead of just name.

5.2. Study Duration

Provide details regarding duration of study keeping in mind the time from which literature search on problem was started including synopsis duration till date of thesis defense.

5.3. Study Setting

Provide detail of study setting where study was performed or from where data was collected. Also provide permission letters from such settings for data collection other than FUIRS/FFH in appendices.

5.4. Sample

5.4.1. Sampling Technique

Provide Details of Sampling technique used.

5.4.2. Sample Size

Provide details of sample size including how sample size was calculated and if not collected provide a justifiable reason for not calculating sample size.

5.4.3. Sample Selection Criteria

5.4.3.1. Inclusion Criteria

5.4.3.2. Exclusion Criteria

5.5. Data Collection Tools

- a. Provide adequate details of each data collection tools with references including details of tool, what it measures, how it measures, scoring guide or evaluation method/guide detail in pictorial form, validity and reliability of mentioned tool.
- b. Provide details of permission obtained for tools (if required).
- c. Provide each tool/questionnaire as appendix.
- d. Provide Detail of Each tool as sub heading as per pattern given below.

5.5.1. Tool 1

5.5.2. Tool 2 etc

5.6. Data Collection Procedure

Provide adequate detail of data collection procedure; how participants were recruited for study, what details regarding study were provided to them, how data was collected, was a self-explanatory question was provided in hard form or was participants of the study were interviewed or how were measurements taken. How collected data was managed or stored. Etc and any other relevant detail related to data collection.

5.7. Ethical Considerations

- a. Provide details of all ethical concerns including obtaining informed consent, any injury or difficulty faced by participants and how it was managed, details of ethical approval, how confidentiality of data was maintained or any other ethics related aspects
- b. The information about patients such as names, initial or Medical Record Numbers, Hospital Registration numbers must be kept confidential, especially in illustrative material.
- c. Patients in the photographs, if included in the thesis, must not be identifiable or the photographs must be accompanied with a written consent of the patients. Color photographs are to be preferred.
- d. Provide copy of Ethical approval and informed consent as Appendix.

5.8. Data Analysis Procedures:

Explain data collection procedure in adequate detail. Including what software were used for interpretation of data and analysis of data, what analysis was carried out to explain descriptive statistics. What steps were used in inferential statistics including details regarding selection of appropriate statistical test and evaluation of their assumptions.

14. Results:

- a. Results will be considered as Chapter VI and “Results” will be considered as chapter heading. i.e.

CHAPTER VI

RESULTS

- b. Each results should be explained on new page.
- c. All the data that you have obtained in your research should be provided in the results section.
- d. Results can be explained in words, tabular or graphical form with adequate detail so it may make it easy for the reader to understand statistical interference.
- e. Only findings should be stated i.e. in numerical form. Avoid explain results in vocabulary form such as using words like majority, numerous, fewer etc.
- f. Students should sub divide the results under headings such as Demographics, Descriptive statistics, Interferential statistics etc.

15. Discussion:

- a. Discussion section will be considered as Chapter VII and “Discussion” will be considered as chapter heading. i.e.

CHAPTER VII

DISCUSSION

- b. The basic purpose of the discussion section is to explain the results of your research.
- c. Students should discuss results in detail in this section using inverted funnel method. The discussion is structured in the opposite way of introduction (narrow to broad): starting with an analysis of each results of the study, what do the results actually mean; explain each results in words and discussing them in light of latest researches either supporting or contradicting them. Students should also justify their results with

evidence-based reasoning and not merely stating the supporting and contradicting studies. Discussion should end with implications or suggestions for future research or practice or how results of your study can be implicated in clinical practice.

- d. Students can consider following while writing discussion
 - 1. What your findings mean.
 - 2. How your findings answer the research questions or hypotheses you have stated in the introduction.
 - 3. How your findings are related to the findings of any similar studies done previously.
 - 4. Any implications of your research study for researchers, practitioners, or policymakers.
- e. Discussion of thesis should consist of a minimum word count of 1,500 words.

16. Conclusions:

- a. "Conclusion" will be considered as chapter heading. i.e.

CONCLUSION

- b. Conclude the study in few sentences giving the extract of the study results. The major findings of the thesis versus objectives drawn by the student will be given and concluded in this chapter. The student will also elaborate whether present study requires further investigation. He/She will clearly mention questions arising from the current work which will need further exploration.

17. Limitations of Study:

- a. "Limitations of study" will be considered as chapter heading. i.e.

LIMITATIONS OF STUDY

- b. It should be provided on separate page.
- c. Authors should Provide limitations of study including problems faced during study.

18. Recommendations of Study:

- a. "Recommendations of study" will be considered as chapter heading. i.e.

RECOMMENDATIONS OF STUDY

- b. It should be provided on separate page.
- c. Provide recommendations for future studies, what else can be done, how limitations can be covered etc.

19. References/Bibliography

- a. "Reference" will be considered as chapter heading. i.e.

REFERENCES

- b. It should be start from new separate page.
- c. Referencing or bibliography should be entered using *reference management software* such as Endnote or Mendeley etc.
- d. *Vancouver style* should be used for proper references.
- e. References should be in continuous pattern in body of thesis.
- f. If desired by the supervisor student can provide bibliography separately from references in thesis.

20. Appendices:

a. Title Approval Letter

Attach Title approval letter issued by Institutional Review committee

b. Ethical Approval Letter

Attach Ethical approval letter issued by Ethical review committee of FUIC or of any other organization.

c. Turnitin Similarity Report

1. All supervisors have access to Turnitin plagiarism software. The report of Turnitin must be attached at the end of thesis as appendix. Only **15% similarity** of content is allowed.
2. A Students whose thesis is proven to be plagiarized during the academic session will be suspended from university roll for a period of two years and admission will be cancelled. Following which the student will have to register with university and will have to prepare a new research project.
3. Degree of the student will be cancelled if the thesis of a student is proved to be plagiarized following graduation from university.
4. The turnitin report should be duly signed and stamped by the supervisor.

d. Data Collection Tools/Questionnaire Sample.

e. Any other Appendix

“THESIS TITLE”

(BLOCK LETTERS, BOLD, Calibri style, Size 18)



STUDENT NAME

STUDENT NAME in BOLD, BLOCK LETTERS, Calibri style, Font Size 14

DOCTOR OF PHYSICAL THERAPY

FOUNDATION UNIVERSITY INSTITUTE OF REHABILITATION SCIENCES

FOUNDATION UNIVERSITY ISLAMABAD – PAKISTAN

Month,Year

“THESIS TITLE”

(BLOCK LETTERS, BOLD, Calibri style, Size 18)



STUDENT NAME

BOLD, BLOCK LETTERS, Calibri style, Font Size 14

REGISTRATION NO

BOLD, BLOCK LETTERS, Calibri style, Font Size 14

A thesis submitted in partial fulfillment of the requirements for the award of degree of doctor
of physical therapy

SUPERVISOR NAME: BOLD, BLOCK LETTERS, Calibri style, Font Size 16

CO-SUPERVISOR NAME: BOLD, BLOCK LETTERS, Calibri style, Font Size 16

FOUNDATION UNIVERSITY INSTITUTE OF REHABILITATION SCIENCES

FOUNDATION UNIVERSITY ISLAMABAD – PAKISTAN

Month,Year

ABSTRACT

BACKGROUND & OBJECTIVES:

Provide a brief background along with objectives of the study

METHODOLOGY:

Provide methodology including study design, time and location of the study, sampling technique, sample size, sample selection criteria, outcome measures/tools, data collection procedure and other relevant information.

RESULTS:

Provide main findings (giving specific effect sizes with frequencies and percentages, and their statistical and clinical significance, if possible)

CONCLUSION:

Provide important aspect of study findings

KEYWORDS:

Provide 3-5 Keywords /Mesh words

STUDENT ACADEMIC REPORT

For the period from **Month & Year** to **Month & Year**

Title of Thesis:				
S.No	Student Name	Registration No	Signature	
1.				
2.				
3.				
4.				
Batch				
Email of Corresponding Student				
Cell Number of corresponding author				
Thesis Research Area of Specialty				
Project ID:		Project Approval Date:		
Remarks of Supervisor:				
Over All Progress of Students				
Poor	Satisfactory	Good	Very Good	Excellent
			Stamp	Signature
Name of Supervisor				
In charge IRC				
Dean FUIRS Prof. Dr. Furqan Ahmed Siddiqi				

DECLARATION/CERTIFICATION

It is hereby solemnly certified that (1 to 6 below):

1. work titled ***“Enter Title of Thesis here in bold and italic within inverted commas”*** is our own work
2. the subject project is genuinely novel and that there is no plagiarized material including self-plagiarism.
3. the material that has been used from other sources, has been properly acknowledged / referred.
4. material included in this thesis has not been used in part or full in a manuscript already submitted or in the process of submission in a partial/complete fulfillment of the award of any other degree from any other institution.
5. that the thesis might be made available for public use by university in soft or hard form.
6. the university will be acknowledged in any publication arising from this thesis.

I understand that correspondence will be sent to the email address of corresponding author mentioned in this thesis and we will maintain this address for future correspondence.

Name of Student: (Enter Name Here) Registration No: (Enter Reg. No. Here)	Signature:	<input style="width: 95%; height: 30px;" type="text"/>
Name of Student: (Enter Name Here) Registration No: (Enter Reg. No. Here)	Signature:	<input style="width: 95%; height: 30px;" type="text"/>
Name of Student: (Enter Name Here) Registration No: (Enter Reg. No. Here)	Signature:	<input style="width: 95%; height: 30px;" type="text"/>
Name of Student: (Enter Name Here) Registration No: (Enter Reg. No. Here)	Signature:	<input style="width: 95%; height: 30px;" type="text"/>
Name of Student: (Enter Name Here) Registration No: (Enter Reg. No. Here)	Signature:	<input style="width: 95%; height: 30px;" type="text"/>
Name of Student: (Enter Name Here) Registration No: (Enter Reg. No. Here)	Signature:	<input style="width: 95%; height: 30px;" type="text"/>

SUPERVISORS CERTIFICATE

I **(Enter Name of Supervisor with Designation here)** certify that to the best of my knowledge the research work embodied in this thesis, entitled ***“Enter title of thesis in bold and italic format here within inverted commas”*** was entirely carried out by Mr./Miss./Ms. **(Enter Name followed by registration no of student here)** under my direct supervision and guidance from **(Enter Date)** to this date and has not been used in part or full in a manuscript already submitted or in the process of submission in a partial/complete fulfillment of the award of any other degree from any other institution.

I further certify that necessary corrections and suggestions recommended by Institutional Review committee during thesis defense have been incorporated and I have personally checked the citations, format of thesis, literature review, data, statistical methodology, results, appendix and all relevant aspects of this thesis and certify their correctness/authenticity as per university standards and requirements.

I fully endorse the final submission of this thesis as partial fulfillment of the requirements for the degree of Doctor of Physical Therapy.

Supervisor’s Name:

Designation:

Date:

Signature:

Stamp:

THESIS DEFENSE COMMITTEE CERTIFICATE

Title of Thesis:

we certify that we have attended the thesis defense seminar on *(Enter date here)* and have also read this thesis and that, in our opinion, it is fully adequate in scope and quality as a thesis for the degree of Doctor of Physical Therapy.

NAME OF EXAMINER

SIGNATURE

1. _____

2. _____

3. _____

4. _____

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LIST OF ABBREVIATIONS

SERIAL NO	ABBREVIATION	DESCRIPTION
1	ABC	Activities-Specific Balance Confidence Scale
2	ADL	Activities of Daily life
3	AR	Augmented Reality
4	AS	Ankle Strategy
5	BBS	Berg Balance Scale
6	BOS	Base of Support
7	BT	Balance Training
8	COM	Centre of Mass
9	COP	Centre of Pressure
10	FES	Fall Efficacy Scale
11	FRT	Functional Reach Test
12	HMD	Head mounded Display
13	HS	Hip Strategy
14	IVG	Interactive video Gaming
15	LOS	Limits of Stability
16	PG	Posturography
17	SS	Stepping Strategy
18	TUG	Time up and GO Test
19	VR	Virtual Reality
20	VRBT	Virtual Reality Balance training