

УДК 615.825 (0.75.8)
ББК 53.54 я73
Л 53

Печатается по решению
редакционно-издательского совета
Северо-Кавказского федерального
университета

- Л 53 **Лечебная физическая культура и массаж:** учебное пособие: курс лекций на иностранном языке (английском) / авт.-сост.: С. А. Егорова, В. Г. Петрякова. – Ставрополь: Изд-во СКФУ, 2015. – 95 с.

Therapeutic physical culture and massage: lectures on foreign language (english) / author-composer: S. A. Egorova, V. G. Petrykova. – Stavropol: Publisher NSFU, 2015. – 95 p.

УДК 615.825 (0.75.8)
ББК 53.54 я73

Авторы-составители:
канд. мед. наук, доцент **С. А. Егорова,**
ассистент **В. Г. Петрякова**

© ФГАОУ ВПО «Северо-Кавказский
федеральный университет», 2015

INTRODUCTION TO THE COURSE OF LECTURES

Course is for students enrolled in the bilingual program of training in “physical culture.”

Course of lectures talks about rehabilitation programmes, sets of physical exercises for recovery in various diseases. The manual presents examples of physical exercises for the muscles of the shoulder, back, knee. In the course of lectures on medical physical culture with arthritis and arthritis. In the tutorial, you learn about adaptive sports, Adaptive types of sports games.

Materials handbook will help future specialists in building training to people with disabilities. Through the rehabilitation programmes, aimed at restoring the health of the future specialists in physical culture and sports will be able to restore lost functions of health. Course is written in easily accessible language, concise, well-illustrated.

СОДЕРЖАНИЕ

Introduction to the course of lectures	3
LECTURE 1. Rotator cuff and shoulder conditioning program	
1.1. Introduction	4
1.2. Getting started	5
1.3. Rotator cuff and shoulder conditioning program. Stretching exercises	5
1.4. Control questions	10
LECTURE 2. Rotator cuff and shoulder conditioning program.	
Strengthening exercises	
2.1. Introduction	12
2.2. Strengthening exercises	12
2.3. Control questions	18
LECTURE 3. Rotator cuff and shoulder conditioning program.	
Strengthening exercises. (Continued)	
3.1. Introduction	20
3.2. Strengthening exercises	20
3.3. Control questions	27
LECTURE 4. Knee conditioning program. Stretching exercises	
4.1. Introduction	29
4.2. Stretching exercises	30
4.3. Control questions	33
LECTURE 5. Knee conditioning program. Strengthening exercises	
5.1. Introduction	35
5.2. Strengthening exercises	35
5.3. Control questions	44

LECTURE 6. Spine conditioning program. Stretching exercises	
6.1. Introduction.....	46
6.2. Stretching exercises	48
6.3. Control questions	53
LECTURE 7. Spine conditioning program. Strengthening exercises	
7.1. Introduction.....	55
7.2. Strengthening exercises	55
7.3. Control questions	61
LECTURE 8. Managing arthritis pain with exercise	
8.1. Introduction	63
8.2. How Exercise Helps Arthritis Pain and immobility	64
8.3. Starting an Exercise Program	65
8.4. Moderate Exercise	66
8.5. Start Slowly	66
8.6. Control questions	67
LECTURE 9. Adaptive sports and recreational games	
9.1. Introduction	69
9.2. The types of adaptive sports	69
9.3. Control questions	76
LECTURE 10. Adaptive sports and recreational games (continued)	
10.1. Introduction	78
10.2. The types of adaptive sports	78
10.3. Control questions	84
Conclusion	86
Glossary	88
List of references	89