

VU Research Portal

Biomechanical Characterization of the Temporomandibular Joint Disc

Fazaeli, S.

2019

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Fazaeli, S. (2019). *Biomechanical Characterization of the Temporomandibular Joint Disc*.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

Table of content

Chapter 1 1

General Introduction

Chapter 2 15

The Contribution of Collagen Fibers to the Mechanical Compressive Properties of the Temporomandibular Joint Disc

Chapter 3 37

Alteration of Structural and Mechanical Properties of the Temporomandibular Joint Disc Following Elastase Digestion

Chapter 4 45

The Dynamic Mechanical Viscoelastic Properties of the Temporomandibular Joint Disc: the Role of Collagen and Elastin Fibers from a Perspective of Polymer Dynamics

Chapter 5 99

General Discussion

Chapter 6 111

Conclusion