



University of Isfahan Ethics Approval Form

Title of project:

**Finite Element Analysis of the Hexagonal Porous Structure Embedded
in Vertebroplasty and Kyphoplasty Based on Micro-CT Scan**

Name of Researcher(s) : Seyed Aref Hosseini Faradonbeh

Name of Supervisor: Dr. Nima Jamshidi

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Executive content:

Does the project contain human samples? Yes No
(if yes, explanations:)

Does the project contain animal samples? Yes No
(if yes, explanations:)

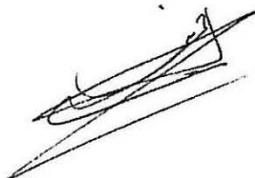
In this study, mechanical tests and finite element modeling were based on using fresh ovine vertebrae harvested from the dead sheep Carcass without meaning any harm or pain to the living animal approved by the University of Isfahan's **Animal Care Committee** at the time of adoption.

Applicant's Statement

- I am familiar with the appropriate subject-specific guidelines and have discussed them with the other researchers involved in the project.
- I undertake to inform the Committee of any changes to the protocol or the staffing of this project.

Lead Researcher or Supervisor:

Signed:



Name: Nima Jamshidi;

Date: 8/22/2017

Committee's Final Comment:

The MSc proposal of Mr. Seyed Aref Hosseini Faradonbeh; with tracking code: **1221502** in the **Iranian National Proposals Registration System**; including ovine samples, harvested from the sheep Carcass was ethically approved by the **Animal Care Committee** at University of Isfahan.

<p>Head of Faculty of Engineering Dr. Hossein Ahmadikia Date: 8/22/2017 Signed: </p>	<p>Head of Department of Biomedical Engineering, Faculty of Engineering Dr. Mohammad Hossein Esteki Date: 8/22/2017 Signed: </p>
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