

Knee

January 15, 2017

Outline

- 1 Project review
- 2 Structure and function

Description of the project

I read the description of the project last week. I made several comments in the Collaboration directory. See:

- Notes on project description
- Notes on project summary

Note: I didn't find the "-" headline helpful here... you're just explaining what you've done and linking to two things for reference.

Review of concepts

I have also been reviewing my concepts. I have to transcribe my notes, but I don't want to do it now, because I want to make progress on the reviewing front. I also want to read the articles.

Literature review

Here I've read blah blah articles and will highlight some interesting portions. The general structure for each article is as follows:

- helpful concepts
- relevant images

I've grouped information into the following categories:

- structure and function
- appearance
- weird sounds from knee bending

Article 1: concepts

- Anastomosis seems to mean the distribution of the veins and arteries (check)
- The meniscus gets little nutrients
 - "A premeniscal capillary network arising from the (geniculate artery)" connects to "the synovial and capsular tissues .. along the periphery of the menisci".
 - "Only 10% to 30% of the peripheral medial meniscus border. . . "
 - "10% to 25% of the lateral meniscus border receive direct blood"
 - "Endoligamentous vessels .. travel a short distance into the substance of the menisci .. providing .. direct route for nourishment"

Article 1: figures

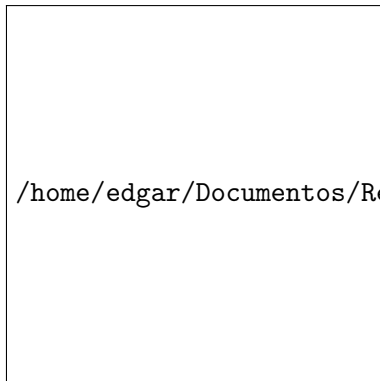


Figure: Sagittal view of knee anastomosis
(<http://drmarkgalland.com/category/knee/page/2.jpeg>)

Article 1: figures (cont.)



Figure: Unreliable, but illustrative picture of the nerves of the leg
(<http://www.doctorabel.us/dry-needling-techniques/h11-lateral-medial-popliteal.html>)

Article 1: figures (cont.)

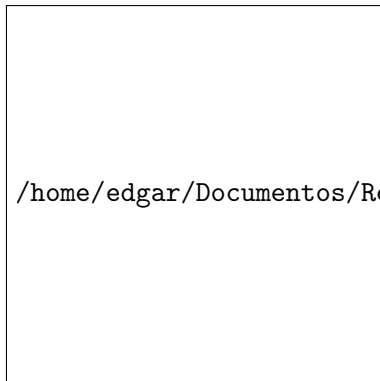
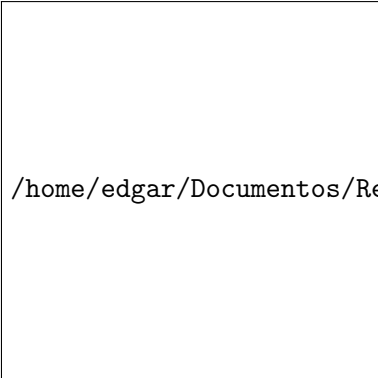


Figure: Nerves of the knee from the thigh myoskeletal system
(<http://clinicalgate.com/knee-pain-of-neural-origin.jpeg>)

Article 1: figures (cont.)



`/home/edgar/Documentos/Research/Meniscus/Sou`

Figure: Nerves from the thigh from the back
(<http://clinicalgate.com/knee-pain-of-neural-origin.jpeg>)