



**Orthopedics
Research
Center**

Team Work Interdisciplinary Research

We are passionate about our work – we're very passionate about what we do. We love what we do and we want to take our work forward with you.



Research



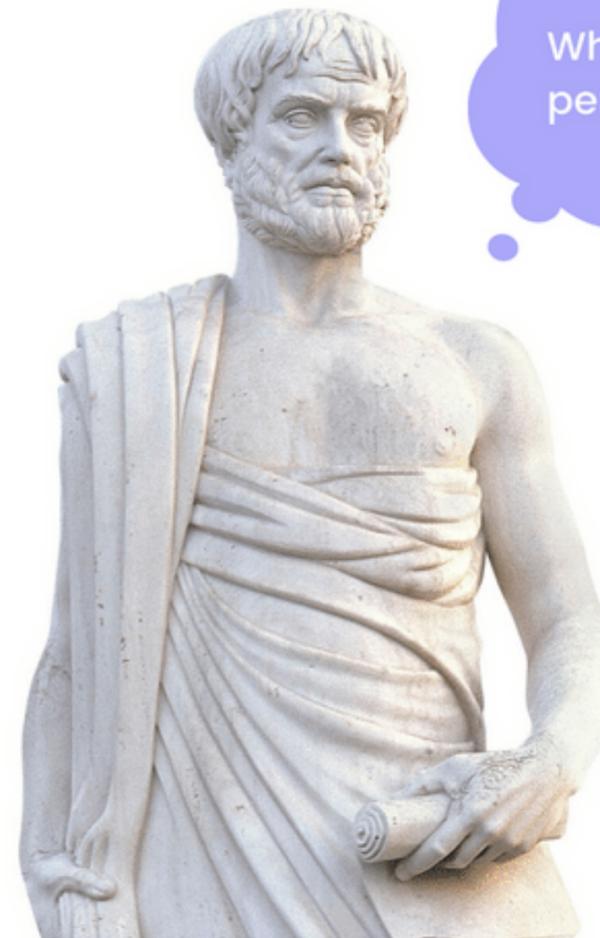
Innovation

Mashhad University of Medical Sciences



Google Project Aristotle on Perfect Team

Interaction
Certain culture
Best ideas
Ability to work together
Innovative capacity



What makes a perfect team?

PSYCHOLOGICAL SAFETY



PROJECT ARISTOTLE



2 years



180 teams



37 000 employees

Psychological Safety

Equality in Conversational Turn-taking

Safe to speak up

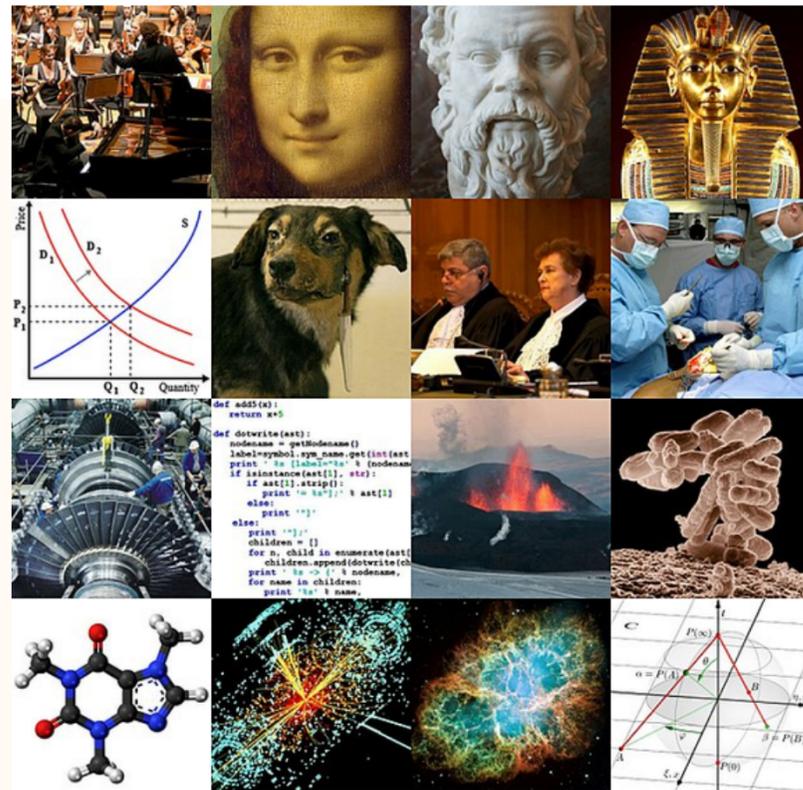
Ostentatious Listening

Show you are listening

Eye contact

Discipline

a branch of knowledge, taught and researched as part of higher education.

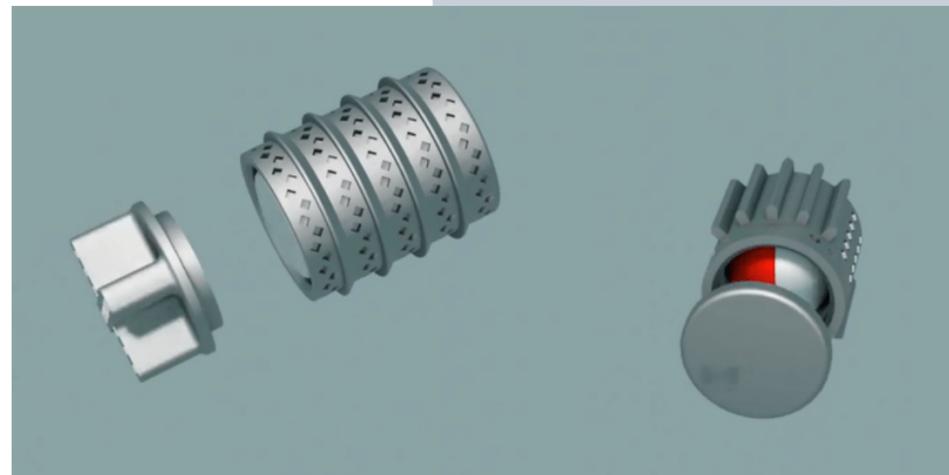
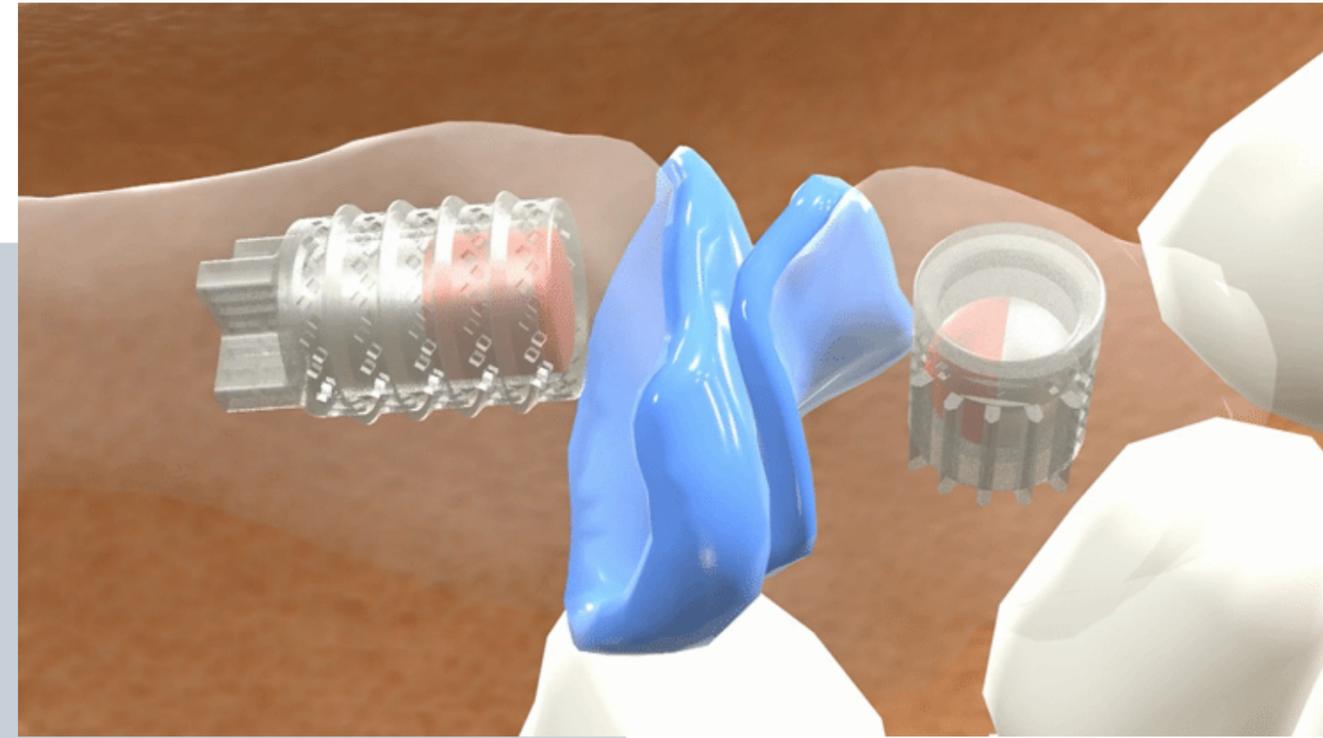


Example

Magnetic Distractor

Engineers Contribution

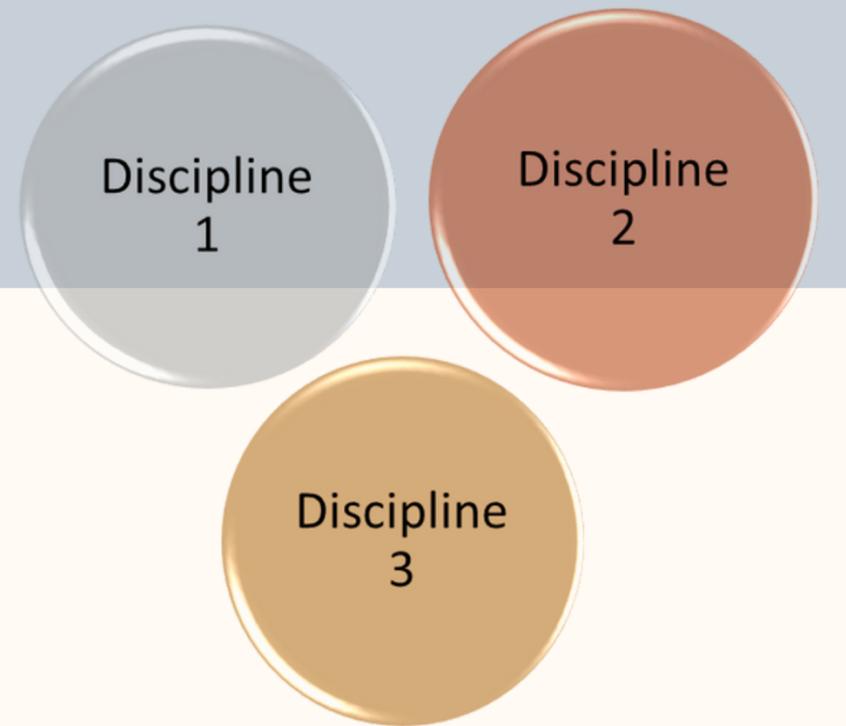
- ✓ Intra-articular pressure simulation
- ✓ Magnetic distraction force simulation
- ✓ Ideal magnet selection
- ✓ Sensor design



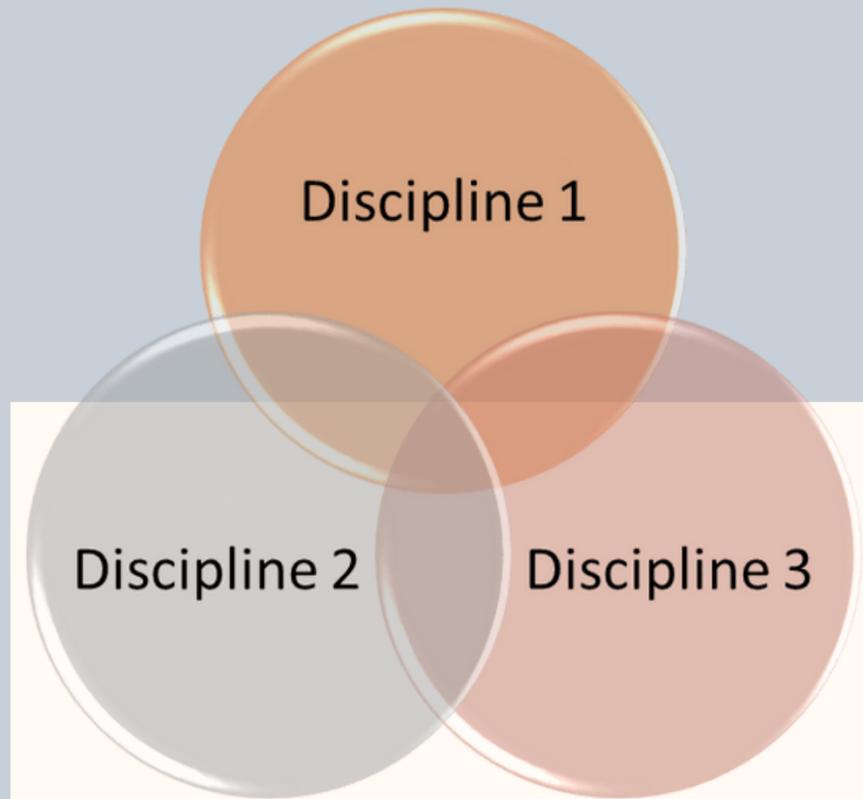
Our experience

Cross-functional Team Frameworks

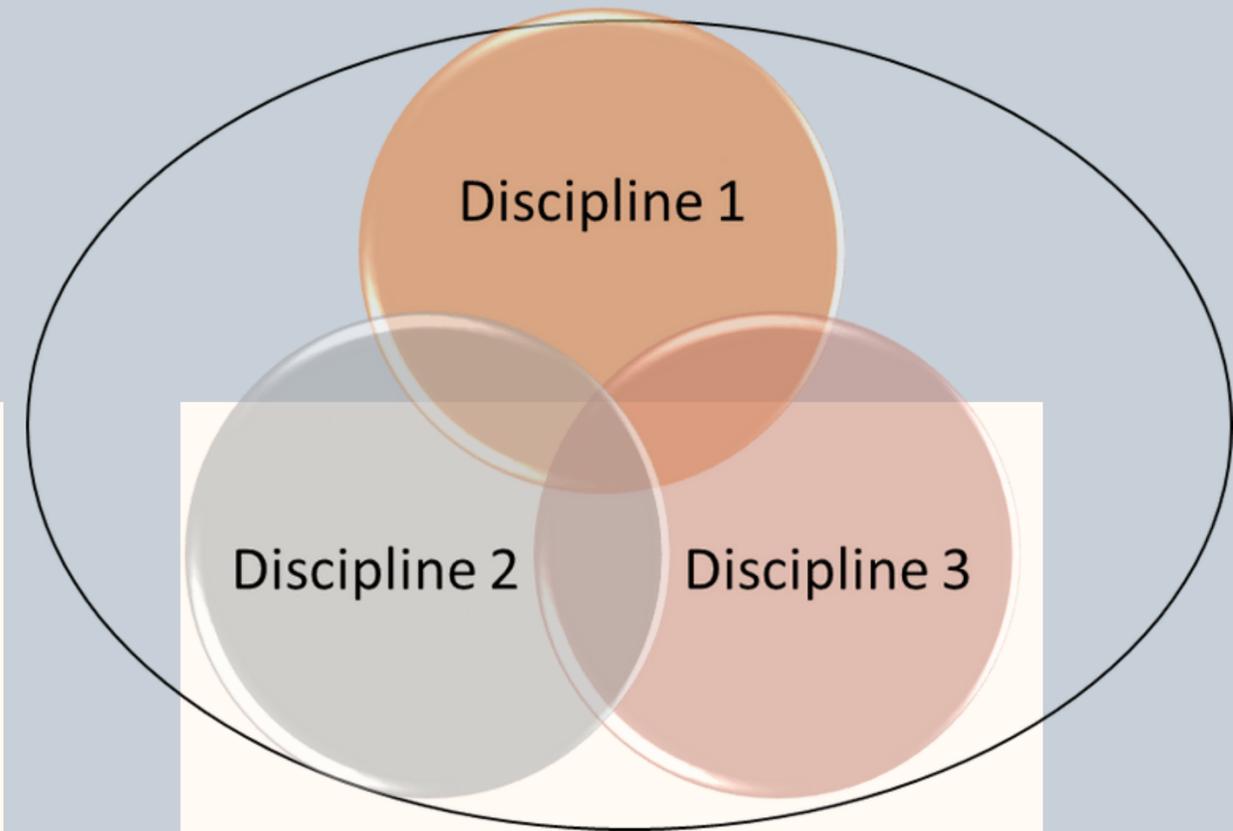
Interdisciplinary studies is a process of answering a question, solving a problem, or addressing a topic that is too broad or complex to be dealt with adequately by a single discipline or profession and draws on disciplinary perspectives and integrates their insights through construction of a more comprehensive perspective



Multi-disciplinary



Inter-disciplinary



Trans-disciplinary

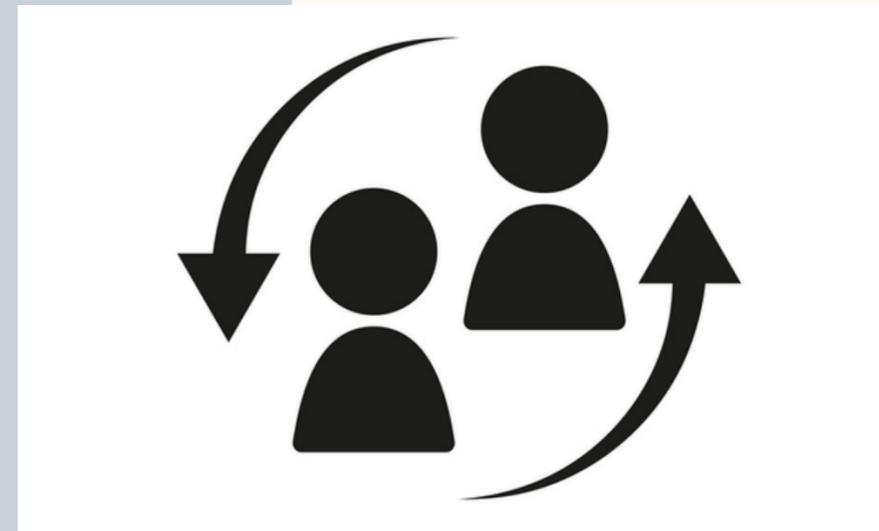
Innovation

T-shaped
Broad vision



**You don't know
who you need**
Diversity

**Not too small
or too big**
Networking



New people
Turn-over

Be A Scientist

We are global team, comprised of creative professionals with some of the strongest teams in the industry.



Personal level

Think Again

Fundamental Criteria



Personal level

Scientific Thinking

Higher Success Rate



Team level

Task Conflict

Beneficial for Innovation

Orthopedics

Gerhard Kuntscher



Abramovich Ilizarov



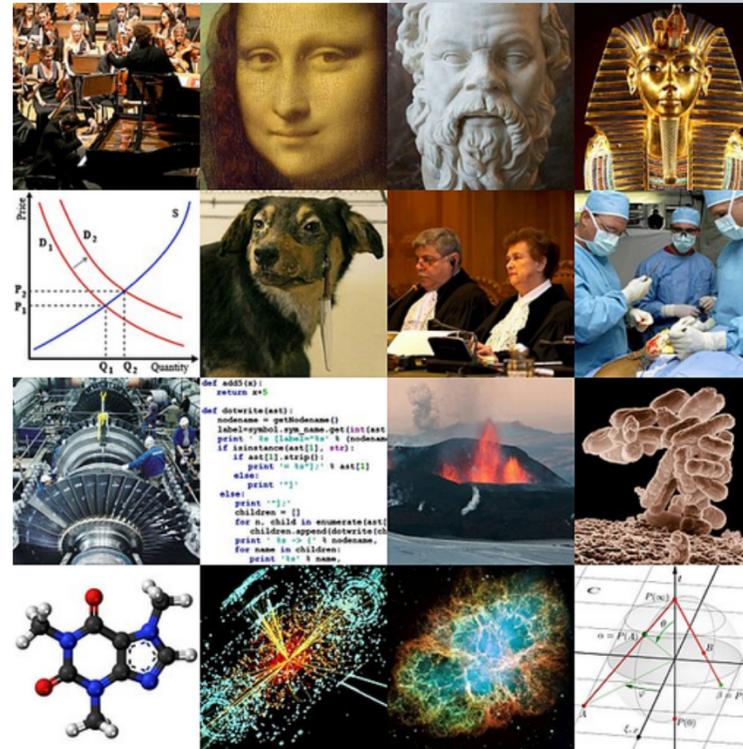
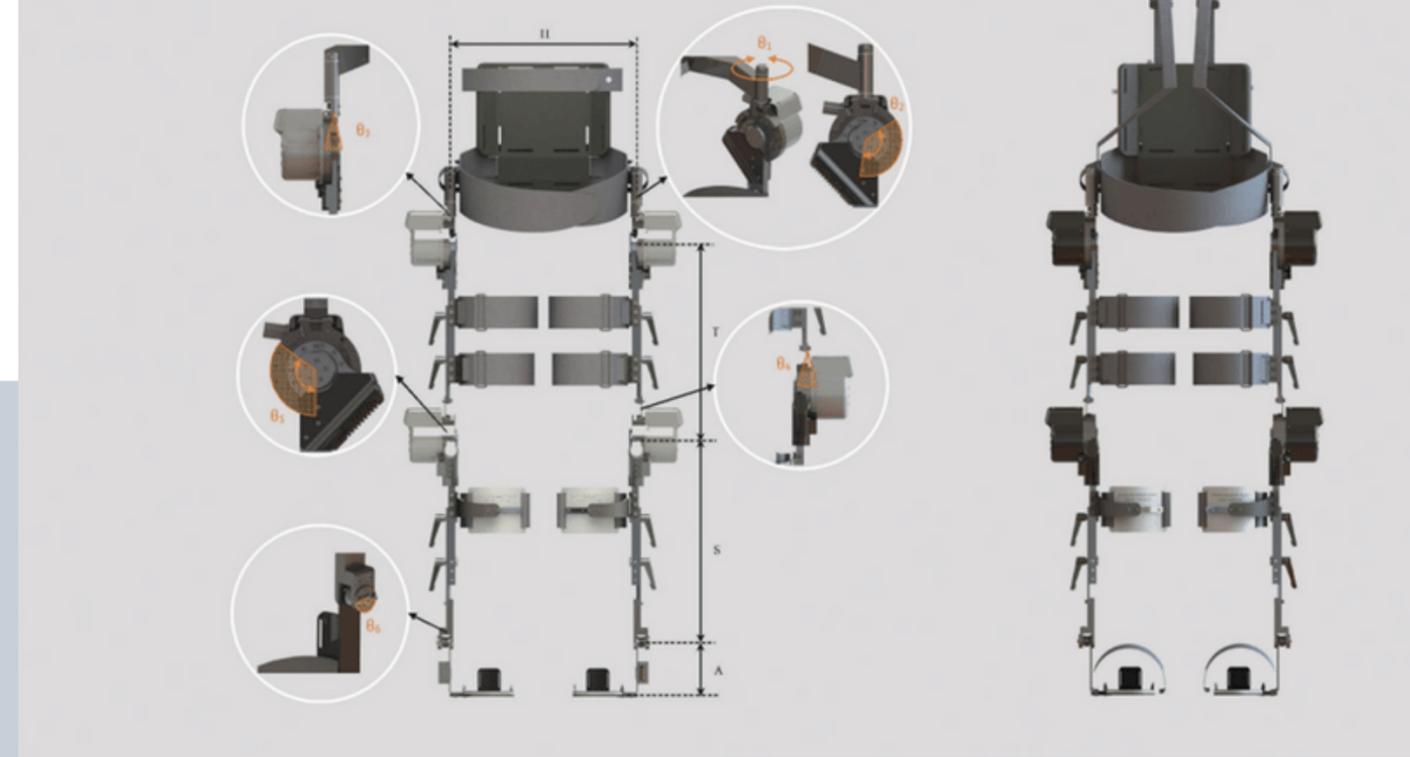


Take Home Message

To innovate:

- Work in Team
- Collaborate with Other Disciplines

- ✓ Psychological Safety
- ✓ T shape Perspective
- ✓ Scientific Behaviour
- ✓ Keep Task Conflict





Thank You

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