

Spolupráce Fakulty strojní s FNO

Za FS prezentuje

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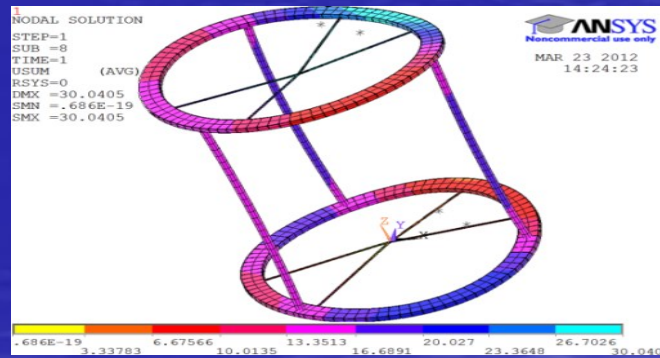
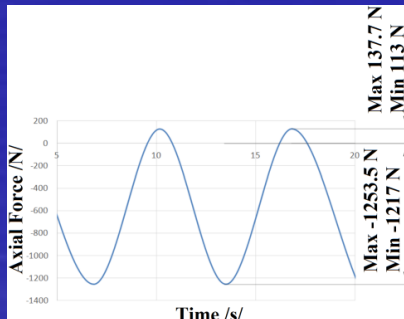
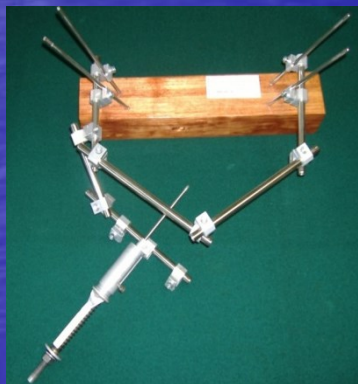
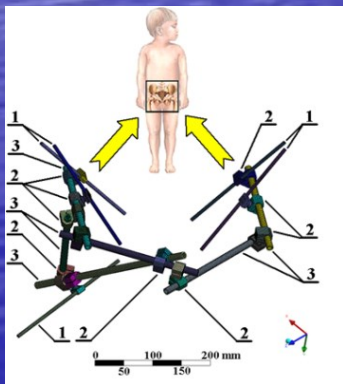
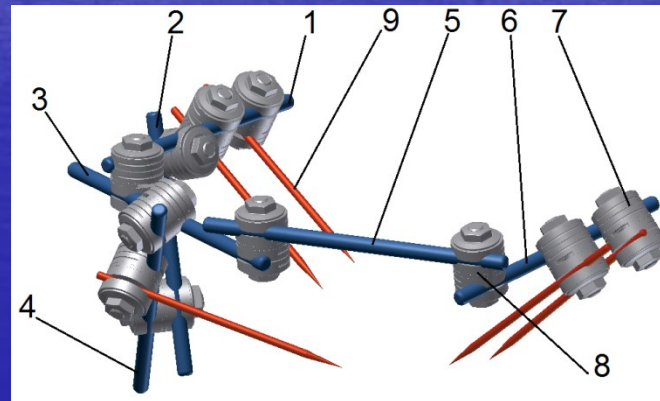
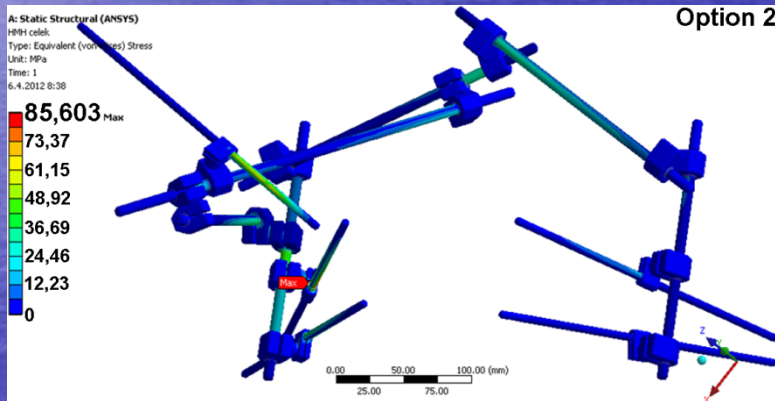
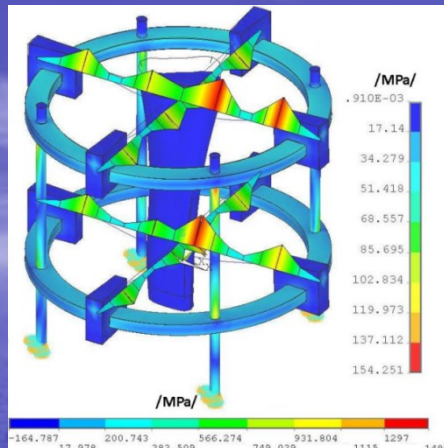
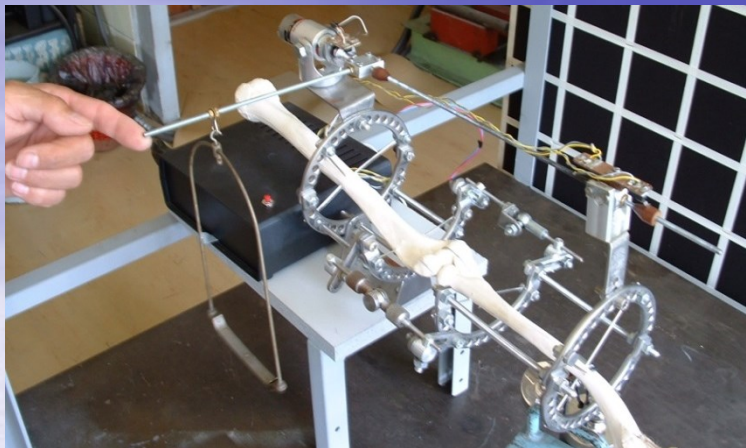
Historické zkušenosti spolupráce našeho pracoviště

- FNO Ostrava, Ostravská univerzita ...
- Úrazová nemocnice Brno, Krajská nemocnice Pardubice ...
- Medin a.s., ProSpon s.r.o., BISMED s.r.o. ...

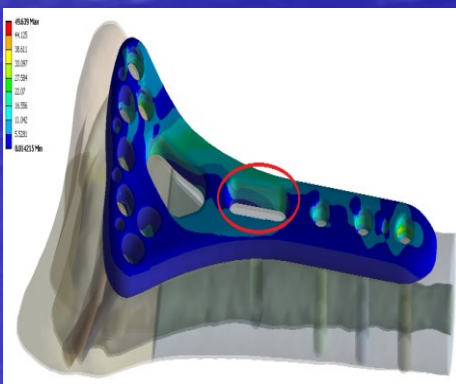
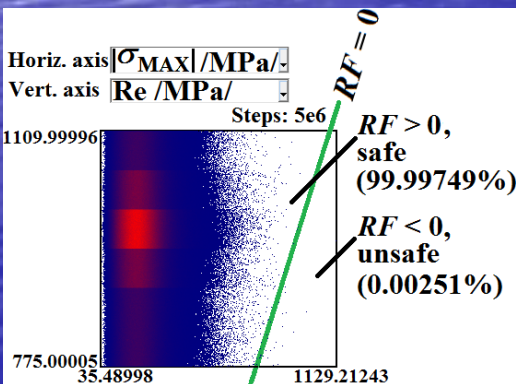
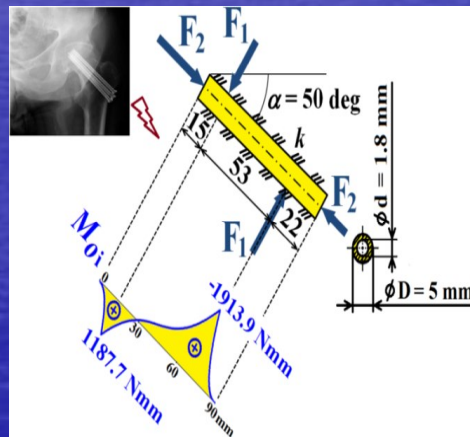
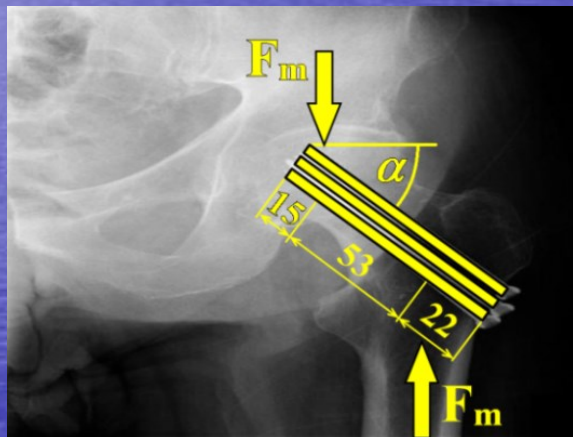
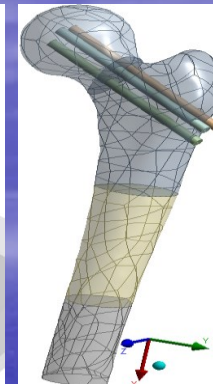
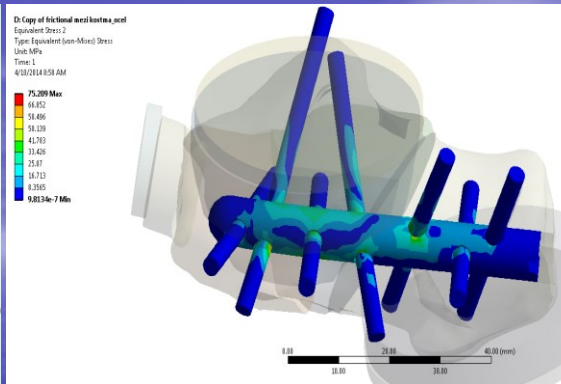
Výsledky

- Design (CAD, výrobní výkresy)
- Nové implantáty, chirurgické nástroje, lékařské pomůcky
- Výpočty (MKP, analytické přístupy, pravděpodobnostní metody, Monte Carlo, posudky spolehlivosti, rozbor zatížení, zpracování CT či MRI snímků)
- Experimenty, preklinické testy, vyhodnocování
- Výroba (klasická/3D tisk), patenty, publikace, učebnice, projekty
- Bc., Mgr. a Ph.D. studenti

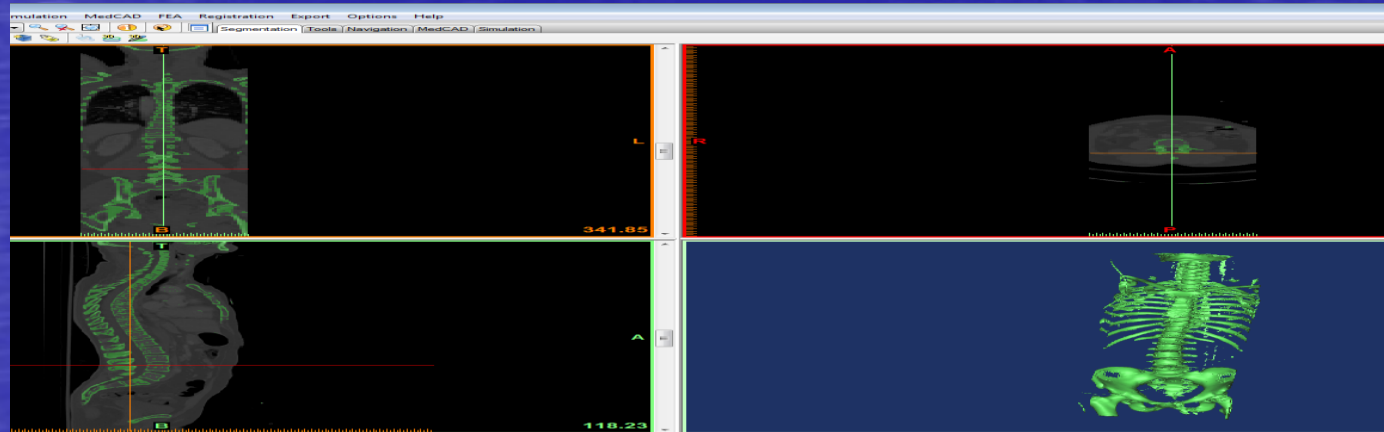
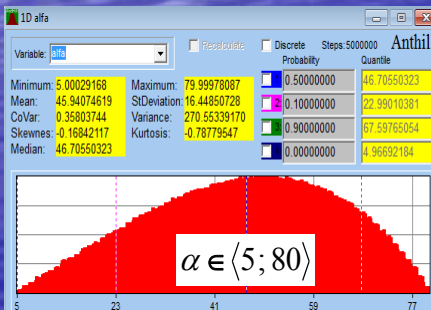
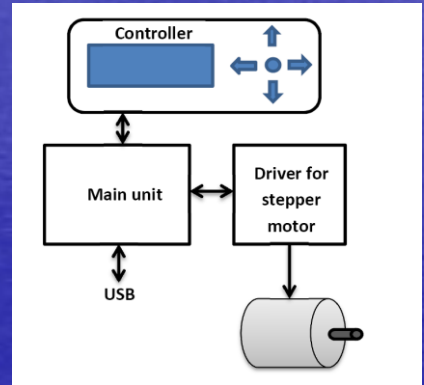
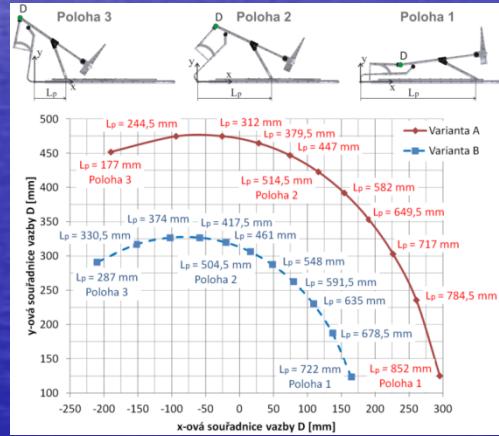
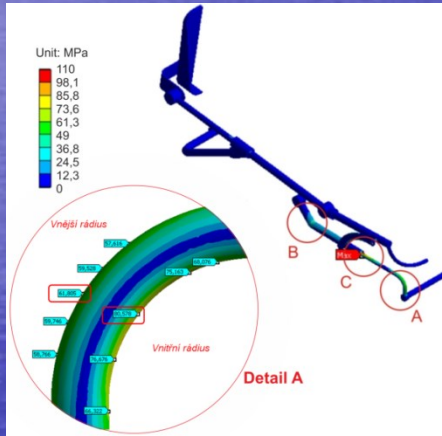
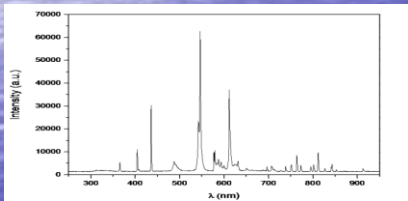
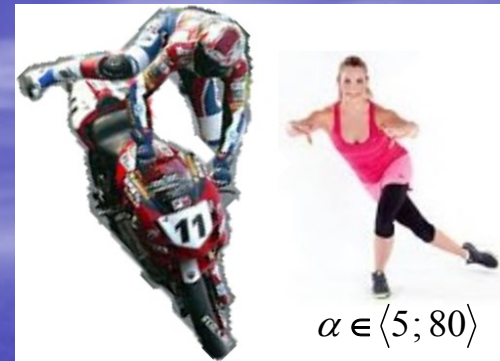
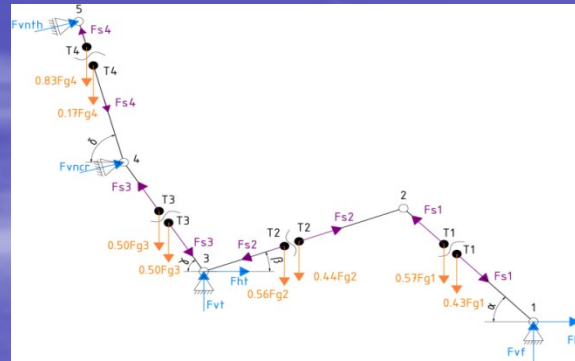
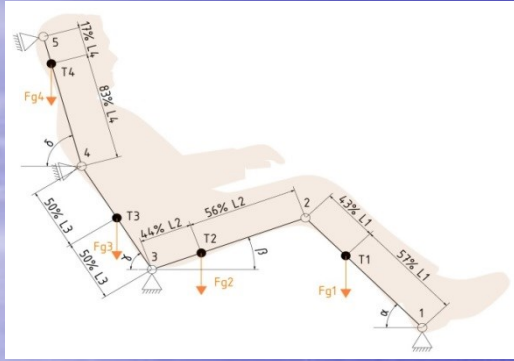
Zevní fixátory



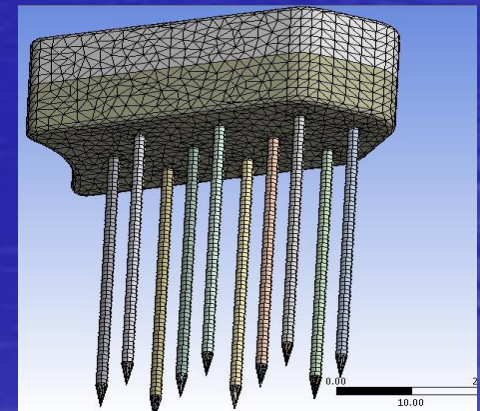
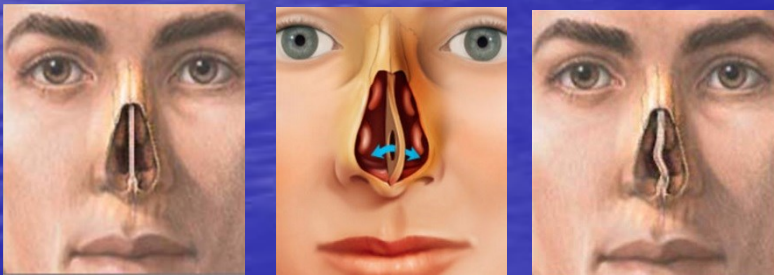
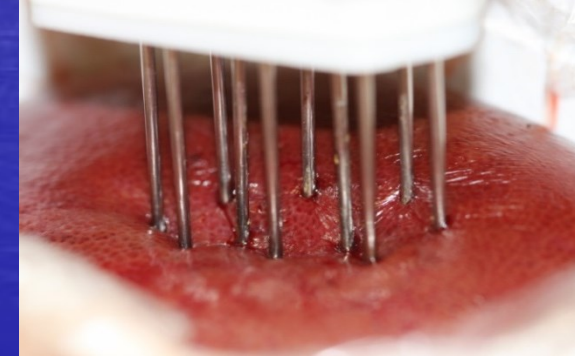
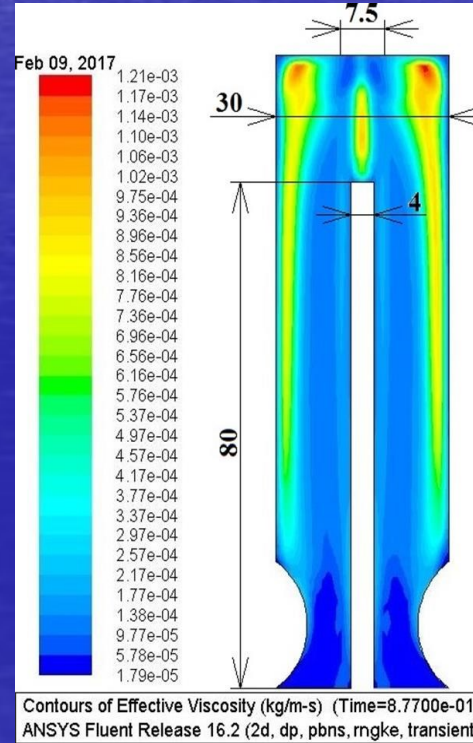
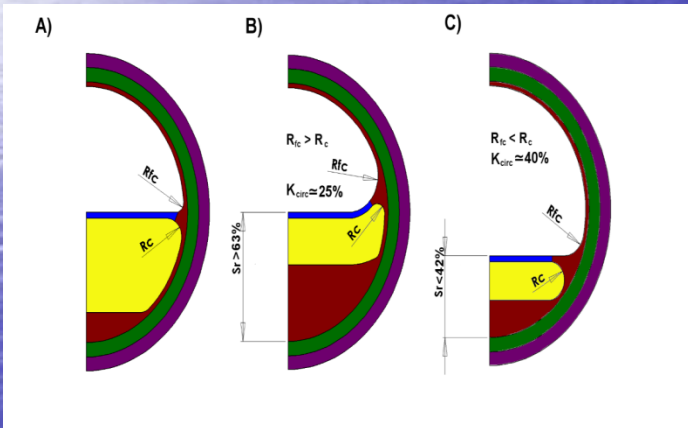
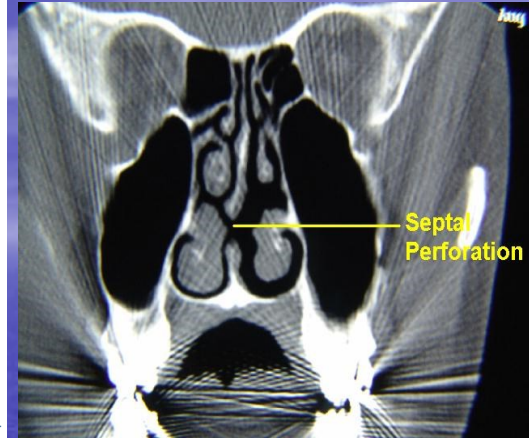
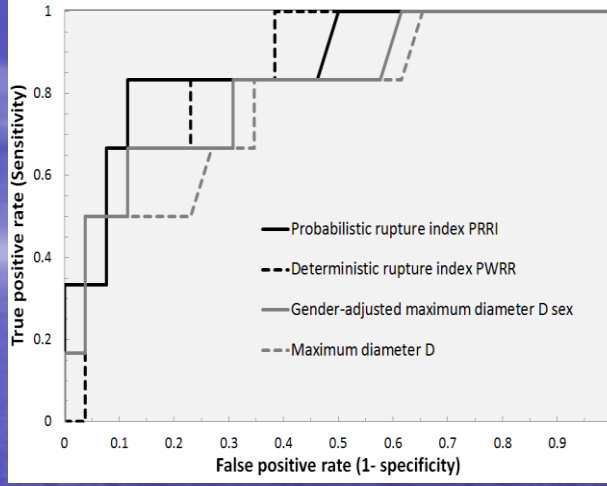
Vnitřní fixátory



Rehabilitace, rozbor zatížení, materiálů a povlaků



Měkké tkáně, motorika



Děkuji Vám za pozornost