

## Cartilage unconfined compression tests

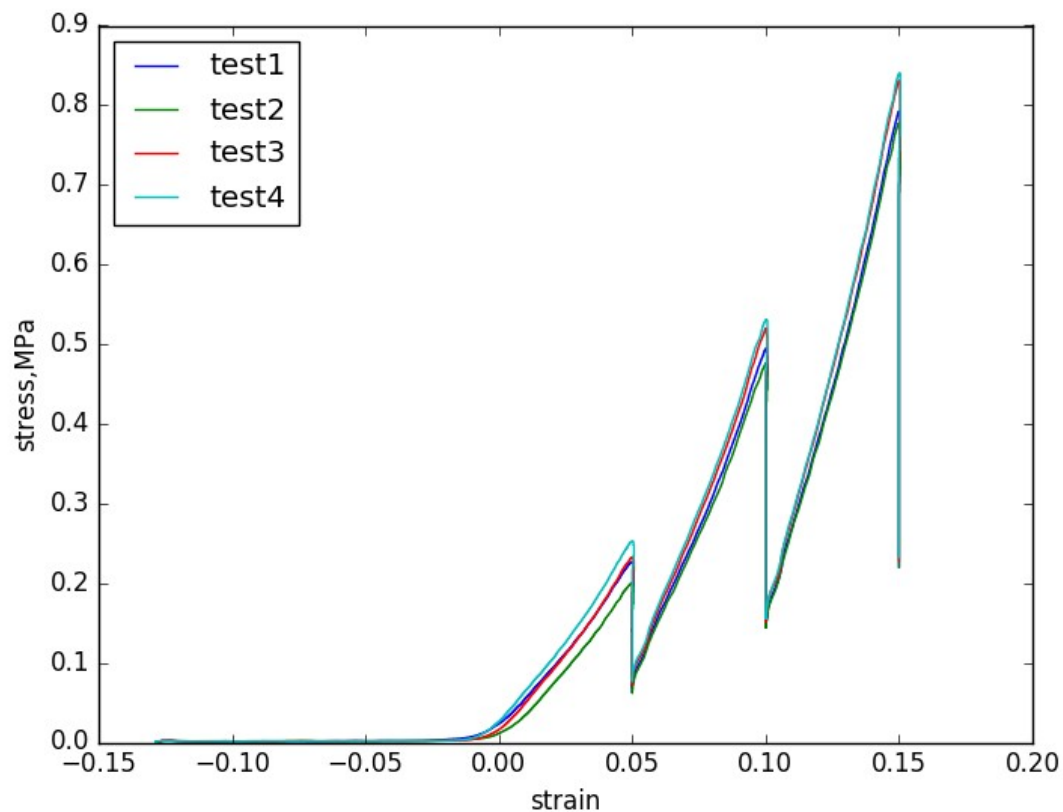
1. 78 yr old specimen.
2. Tests cover use of PBS, longer rest times between tests (sample kept in fridge during rest) and starting preconditioning and stress relaxation 300 microns off of the 10g find contact position to capture data increase from the instant any contact is established.
3. Uniformly thick sample was prepared using vibratome (both sides shaved, 20 microns at a time).
4. Sample stabilized in PBS for 30 min before thickness measurement and testing.
5. All protocols updated before testing started.
6. Cartilage strip thawed 3 times.

day 1: oks00TR5-FMC-ACXX-01-01: thickness: 2.36 mm; Positions: 57.06, 57.1055

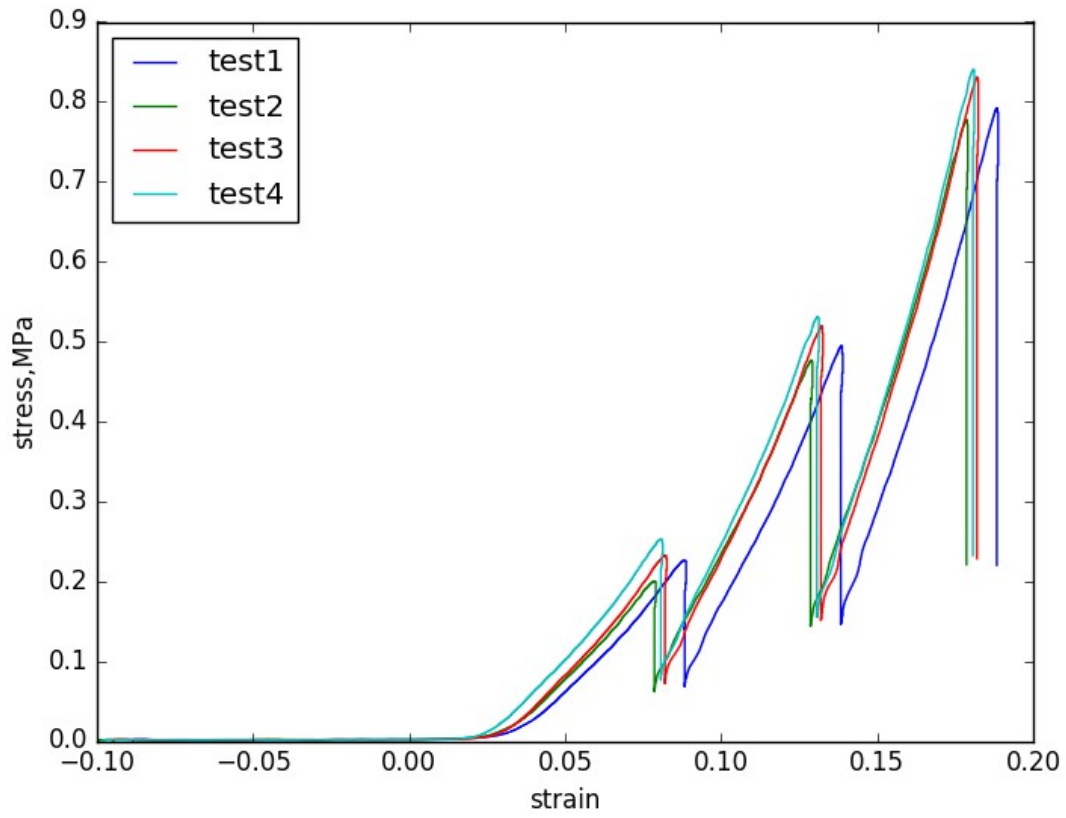
day 2: oks00TR5-FMC-ACXX-01-02: thickness: 2.34 mm; Positions: 43.6945, 43.7125

day 3: oks00TR5-FMC-ACXX-01-03: thickness: 2.36 mm; Positions: 47.7325,47.7605.

day 4: oks00TR5-FMC-ACXX-01-04: thickness: 2.33 mm; Positions: 50.4035,50.4395.



10g force location used as starting position



Adjusted to actual zero force-displacement