

Physiolibrary - Bug #209

Collapsing feature of elastic vessels seems not functioning

06 October 2014 08:31 - Tomáš Kulhánek

Status:	New	Start date:	06 October 2014
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
<p>Collapsing feature of elastic vessels seems not functioning as elastic element goes into negative volume without a big force or nasty modeling.</p> <p>Attached example of 4 windkessel units in series with a pump. The fourth gets into negative volume after several seconds.</p> <p>File 1: test model https://raw.githubusercontent.com/TomasKulhanek/Physiolibrary.models/master/Cardiovascular/test/CollapsingCVSTotal.mo</p> <p>File 2: script to run the test and plot volumes https://raw.githubusercontent.com/TomasKulhanek/Physiolibrary.models/master/Cardiovascular/test/CollapsingCVSTotal.mos</p>			