

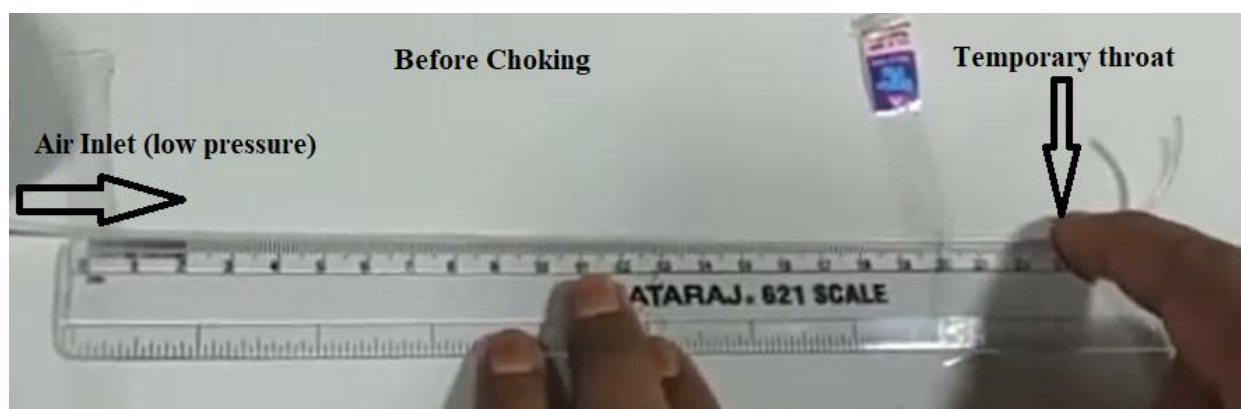
SUPPLEMENTARY MATERIALS

Movie S1: In silico result demonstrating the boundary layer blockage induced the Sanal flow choking at a critical pressure ratio: https://youtu.be/eFndUAU_m5I

Movie S2: In vitro result demonstrating the shock wave generation in a viscoelastic tube with vasospasm at a critical pressure ratio: <https://youtu.be/59E6pI3L5Rc>

Movie S3: In vitro result demonstrating the internal flow choking and the shock wave generation in a viscoelastic tube with vasospasm at different locations at a different pressure ratio: <https://youtu.be/UQqtpQaUVHg>

APPENDIX

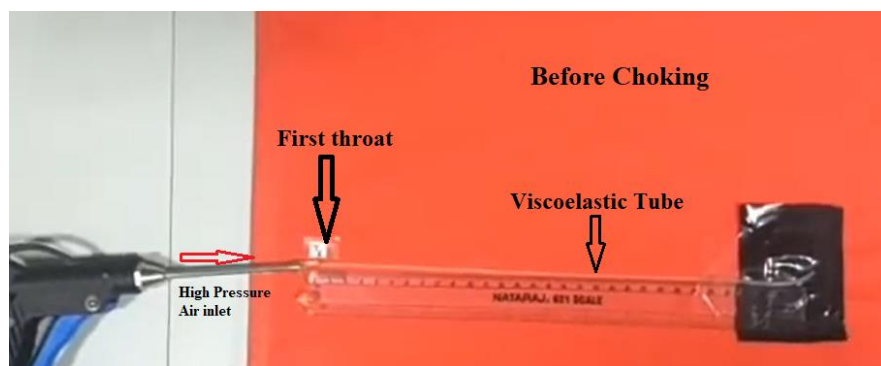


(a)

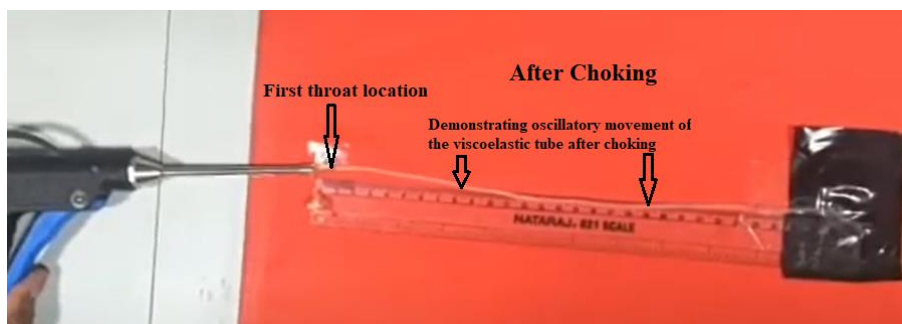


(b)

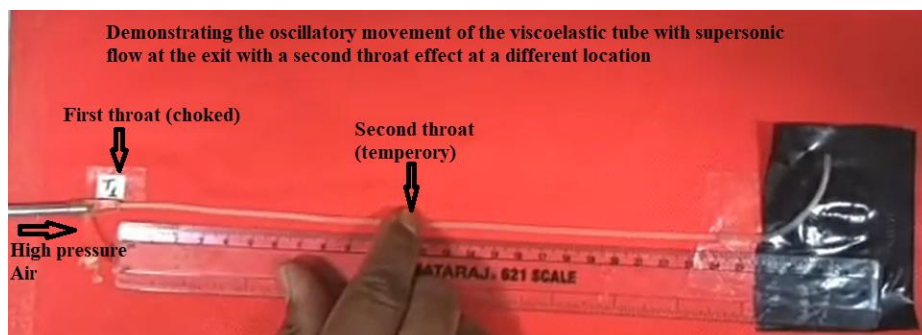
Figure A1(a-b). Demonstrating the oscillation of the viscoelastic tube before and after choking due to a temporary throat effect (“Multimedia view” – Movie S2)



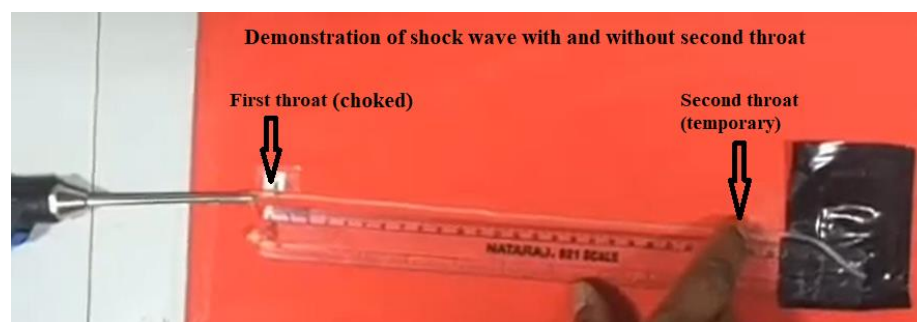
(a)



(b)



(c)



(d)

Figure A2(a-d). Demonstrating the oscillation of the viscoelastic tube before and after choking with multiple throat effects (“Multimedia view” – Movie S3)