Flow dynamics in a low-pressure region and then somehow transported to the collapse region where the liquid pressure is high enough to cause bubble collapse. The resulting elevated pressures and velocities created in the liquid by such collapse may interact with the material surface to cause erosion. This interaction is affected by many parameters, including those of the fluid, such as the local pressure, temperature, and velocity, and the viscosity, compressibility, and surface tension of the liquid, along with the mechanical properties of the eroded material, perhaps on a microscale and in extremes.

**Result** Risk factors for the AS may affect the parameters or repair of endothelial cell.

**Conclusion** Cavitations erosion may be the direct factor for AS.