

# Mesh generation 1

## 1. Meshing

Table 1 Local mesh sizing for the influence zones

Mouth	0.002m
Manikin	0.01m
Body of influence (boi)	0.01m
Inlets & outlets	0.02m

## 2. Surface mesh settings

Table 2 surface mesh

min/max	0.002m/0.05m
Growth rate (default)	1.2
Cels per gap	2
Improved surface mesh quality limit	0.5

## 3. Boundary layers (inflation)

Table 3 Boundary layers

Number of layers	10
Offset method type	Last ratio
First height	0.0002m

## Result

name	id	cells (quality < 0.05)	minimum quality	cell count
enclosure-enclosure	1569	0	0.10095877	5319971
name	id	cells (quality < 0.05)	minimum quality	cell count
Overall Summary	none	0	0.10095877	5319971