A

\[ \Delta P = 0.000201554 \times \bar{Q} + 0.014357227 \times \bar{Q} \]

\[ R^2 = 0.99 \]

Pressure drop (mmHg)

Flow rate \( \bar{Q} \) (ml/min)

B

\[ \Delta P = 0.005 \times \bar{Q} + 0.1131 \times \bar{Q} \]

\[ R^2 = 0.99 \]

Pressure drop (mmHg)

Flow rate \( \bar{Q} \) (ml/min)

65% area (moderate) stenosis

<table>
<thead>
<tr>
<th>Pulsatile exp before GW</th>
<th>Pulsatile comp before GW</th>
</tr>
</thead>
</table>

| Pulsatile exp during GW | Pulsatile comp during GW |

89% area (severe) stenosis

Through dia \( (d_\omega) = 1.75 \text{ mm} \)

Through length \( (l_\omega) = 3.15 \text{ mm} \)

65% area (moderate) stenosis

<table>
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</tr>
</thead>
</table>

| Pulsatile exp during GW | Pulsatile comp during GW |

89% area (severe) stenosis

Throat dia \( (d_\omega) = 1.08 \text{ mm} \)

Throat length \( (l_\omega) = 0.39 \text{ mm} \)

89% area (severe) stenosis

80% area (intermediate) stenosis

Throat dia \( (d_\omega) = 1.32 \text{ mm} \)

Throat length \( (l_\omega) = 0.95 \text{ mm} \)