Figure 1  

\[ \text{Doppler index} = \frac{(ICT+IRT)}{ET} = \frac{(a-b)}{b} \]

Figure 2

Figure 3

Figure 4a

Figure 4b

Figure 4c

Figure 4d

Figure 5
Figure 2

Figure 3

Figure 4
<table>
<thead>
<tr>
<th>Period</th>
<th>Doppler index</th>
<th>AVD (ms)</th>
<th>Mean ± SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td></td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>1.0</td>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
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<td></td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td></td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

Figure 5

- **Doppler index**: A measure of blood flow velocity.
- **AVD (ms)**: The average duration of the blood flow velocity.
- **Mean ± SD**: The mean value of the Doppler index along with the standard deviation.