INTRODUCING THE **NV2 RHINOSPIROMETER**

Our latest PC based screening tool, helping to identify those likely to benefit from septal surgery, by measuring the partitioning of nasal airflow.

Developed from the original NV1 Rhinospirometer, this new version measures the difference in volume, average flow and peak flow between the two nasal passages, from a single or multiple inspiration or expiration. In addition, it calculates a nasal partition ration (NPR).

Clinical work suggests that the value of NPR achieved can help indicate whether or not the subject is likely to benefit from septal surgery.

These quantified measurements, in conjunction with the clinician's assessment, can provide the best outcome for the subject by helping avoid unnecessary trauma, and save on the expense of an unnecessary hospital procedure.

In addition to the uses mentioned above, the instrument has also been used to study the nasal cycle and other respiratory related conditions.
The NV2 Rhinospirometer is able to provide:

» Objective measurement of the severity of a subject's septal deviation
» Measurement of volume, average flow and peak flow in each nostril, from a single or multiple inspiration or expiration

Typical NV2 Printout:

<table>
<thead>
<tr>
<th>Name</th>
<th>John Smith</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>413wwc</td>
</tr>
</tbody>
</table>

32 S - TEST EXP

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LEFT 1.57</td>
<td>0.23</td>
<td>0.97</td>
</tr>
<tr>
<td>RIGHT 1.08</td>
<td>0.16</td>
<td>0.97</td>
</tr>
</tbody>
</table>

NPR 0.18
Time 6.72 s
Outcome N

Typical NV2 Printout:

Test Time Typically 1–2 minutes
Repeatability >2% FSD
Vol. Accuracy >3% FSD
Standards Electrical Safety BS EN 60601 CE Marked
Warm up >5 minutes
Size 21 x 8 x 15 cm
Weight 2kg
Power 3W

References:


Other references are available on request...

This product has been developed in conjunction with the Common Cold Centre, Cardiff University