Parameters included in the NMR LipoProfile test

<table>
<thead>
<tr>
<th>Lipoprotein profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDL particle number</td>
</tr>
<tr>
<td>Average LDL size</td>
</tr>
<tr>
<td>Small LDL particle number</td>
</tr>
<tr>
<td>HDL particle number</td>
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<tr>
<td>Average HDL size</td>
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<tr>
<td>Large HDL particle number</td>
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<tr>
<td>Large VLDL particle number</td>
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<tr>
<td>Average VLDL size</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Lipid profile</th>
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</thead>
<tbody>
<tr>
<td>Triglycerides</td>
</tr>
<tr>
<td>Total cholesterol</td>
</tr>
<tr>
<td>LDL cholesterol (calculated)</td>
</tr>
<tr>
<td>HDL cholesterol</td>
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</tbody>
</table>

| Insulin resistance score    |

For use as screening tests. Like the situation with C-reactive protein as a CVD risk biomarker, they can perhaps be best used in patients with intermediate risk and/or when there appears to be discordance between a patient's clinical presentation and conventional lipid biomarker measurements. In the case of NMR and mass spectrometry-based testing, the ability to add new markers for CVD and other diseases without much additional cost may make these approaches more attractive in the future.

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REFERENCES