**Initial lesion**
- histologically "normal"
- macrophage infiltration
- isolated foam cells

**Fatty streak**
- mainly intracellular lipid accumulation

**Intermediate lesion**
- intracellular lipid accumulation
- small extracellular lipid pools

**Atheroma**
- intracellular lipid accumulation
- core of extracellular lipid

**Fibroatheroma**
- single or multiple lipid cores
- fibrotic/calcific layers

**Complicated lesion**
- surface defect
- hematoma-hemorrhage
- thrombosis

**SEQUENCES IN PROGRESSION OF ATHEROSCLEROSIS**

<table>
<thead>
<tr>
<th>EARLIEST ONSET</th>
<th>MAIN GROWTH MECHANISM</th>
<th>CLINICAL COLLEHATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>from first decade</td>
<td>growth mainly by lipid addition</td>
<td>clinically silent or overt</td>
</tr>
<tr>
<td>from third decade</td>
<td>increased smooth muscle and collagen increase</td>
<td>clinically silent</td>
</tr>
<tr>
<td>from fourth decade</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>