AUTOSOMAL INHERITANCE

- inheritance of an allele which is not on a sex chromosome
- there is an equal chance that the trait will affect both males and females

PEDIGREES SHOWING AUTOSOMAL INheritance

<table>
<thead>
<tr>
<th>Autosomal</th>
<th>Autosomal</th>
</tr>
</thead>
<tbody>
<tr>
<td>recessive</td>
<td>dominant</td>
</tr>
</tbody>
</table>

1. expected progeny form
   normal × affected mating

2. must the trait occur in
   Every generation?

3. can a normal × normal
   mating produce affected progeny?

4. Minimum number of affected
   parents required to produce
   at least some affected offspring

EXAMPLE

Pedigree showing the inheritance of an autosomal dominant trait.