

Although acne is not an inherited condition, there is an inherited predisposition. Several genes are believed to be involved, of which only the gene for cytochrome P-450-1A1 and the gene for steroid 21-hydroxylase are documented.<sup>[1]</sup> There is high concordance rate among identical twins.<sup>[2]</sup> XYY karyotype is associated with severe acne.<sup>[2]</sup> Positive family history of acne is obtained in 40% of patients<sup>[3]</sup> and correlates with more

severe disease.

### REFERENCES

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3. Cunliffe WJ, Gollnick HPM. *Acne: Diagnosis and management*. London: Martin Dunitz 2001. p. 1-46.