



World Health
Organization

Nutritional rickets

A REVIEW OF DISEASE BURDEN, CAUSES, DIAGNOSIS,
PREVENTION AND TREATMENT







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Nutritional rickets: a review of disease burden, causes, diagnosis, prevention and treatment

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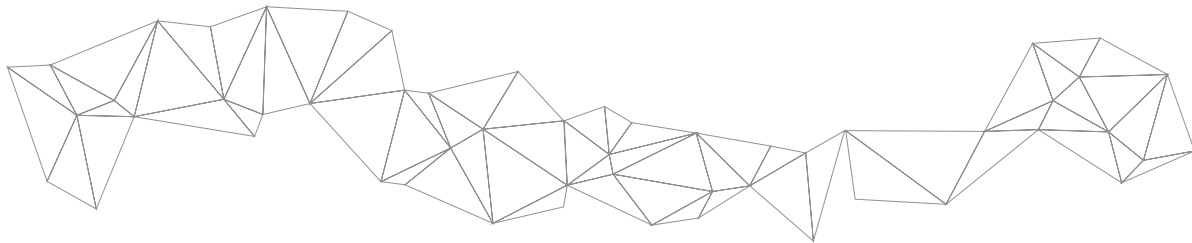
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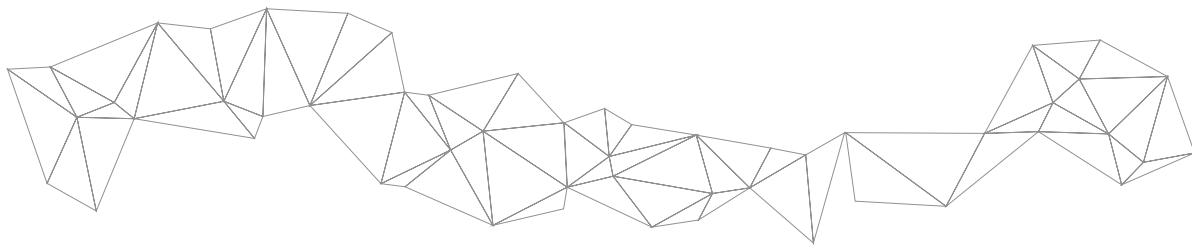
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Abbreviations

25(OH)D	25-hydroxycholecalciferol
1,25(OH)₂D	1,25-dihydroxycholecalciferol
CDC	United States Centers for Disease Control and Prevention
DACH	the joint committee for nutritional recommendations in Germany, Austria and Switzerland
EFSA	European Food Safety Authority
FAO	Food and Agriculture Organization of the United Nations
GINA	Global database on the Implementation of Nutrition Action
IOM	Institute of Medicine
LC-MS	liquid chromatography–tandem mass spectrometry
NNR	Nordic Nutrition Recommendations
PTH	parathyroid hormone
RDA	recommended daily allowance
RNI	recommended nutrient intake
SACN	Scientific Advisory Committee on Nutrition
UK	United Kingdom of Great Britain and Northern Ireland
USA	United States of America
UV	ultraviolet
VDDR-I	type I (hypocalcaemic) vitamin D-dependent rickets
VDR	vitamin D receptor
VMNIS	Vitamin and Mineral Nutrition Information System

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