

Appendix 1

Concept	Keywords	MeSH Terms (PubMed)
Idiopathic Condylar Resorption	"idiopathic condylar resorption", "condylar resorption", "condylar degeneration", "resorptive TMJ disorder", "resorption of mandibular condyle"	"Temporomandibular Joint Disorders"[Mesh], "Mandibular Condyle"[Mesh]
Animal Model	"animal model", "animal study", "experimental animal", "in vivo", "preclinical model", "laboratory animals"	"Disease Models, Animal"[Mesh], "Animals"[Mesh]
Temporomandibular Joint (TMJ)	"TMJ", "temporomandibular joint", "jaw joint"	"Temporomandibular Joint"[Mesh]
Bone/Cartilage Degeneration	"bone resorption", "cartilage degeneration", "osteolysis", "joint degeneration"	"Bone Resorption"[Mesh], "Cartilage, Articular"[Mesh]

INCLUSION CRITERIA

Criterion	Description
Population	Animal models (e.g., rats, mice, rabbits, pigs, monkeys, etc.)
Concept	Studies investigating idiopathic condylar resorption (ICR) or similar TMJ degeneration
Context	Experimental or preclinical studies exploring pathophysiology, progression, histology, or imaging of ICR
Study Design	Original research articles (e.g., in vivo animal experiments)
Language	English
Full Text Availability	Full-text accessible articles
Publication Year (optional)	2000–2025
EXCLUSION CRITERIA	
Criterion	Description
Not Animal Model	Human-only studies, in vitro studies, or computer models
Not Related to ICR	TMJ disorders unrelated to resorption (e.g., ankylosis, arthritis, trauma-only models)
Reviews, Editorials, Abstracts	Non-original data (reviews, letters, conference abstracts)
Language	Non-English publications
Insufficient Methodological Detail	Articles lacking experimental detail about the animal model