

Supplemental material 3

Definitions of the temporomandibular joint measurements utilized in this study

Measurements	Abb	Definition
Condylar inclination		
Mediolateral (°)	MCI	The angle between MCP-LCP and HP
Vertical (°)	VCI	The angle between ACP-PCP and VP
Anteroposterior (°)	APCI	The angle between MCP-LCP and MSP
Condylar position		
Mediolateral (mm)	MLCP	The distance extending mediolaterally from MCP to the MSP
Vertical (mm)	VCP	The distance extending vertically from SCP to the HP
Anteroposterior (mm)	APCP	The distance between the ACP and VP
AP condylar joint position (%)	APCJP	The anteroposterior condylar position within the joint according to the formula of Pullinger and Hollender
Condylar dimension		
Condylar length (mm)	CL	The mediolateral condylar distance between LCP and MCP
Condylar width (mm)	CW	The anteroposterior condylar distance between ACP and PCP
Condylar height to TM line (mm)	CH	The distance which extends perpendicular from SCP to the TM line
TMJ space		
Anterior joint space (mm)	AJS	Closest distance between AJSc and AJSf
Superior joint space (mm)	SJS	Closest distance between SCP and MF
Posterior joint space (mm)	PJS	Closest distance between PJSc and PJSf points
Medial joint space (mm)	MJS	Closest distance between MJSf and MCP
Volumetric total joint space (mm³)	VTJS	Total mandibular joint spaces (superior, anterior, and posterior) which are enclosed by the TM line