

2000 2020

years in motion

Functional Overview Hip Joints

THE ORIGINAL

OFFITANO-SYSTEMS

RGO: Reciprocating hip joints are generally indicated for use in patients with lesions at levels TH-5 to L-3. Here we distinguish between two different variants: one or two dimensional (1-D or 2-D). Conventional 1-D joints provide movement in flexion / extension, while 2-D hip joints add a pelvic rotation component for improved, smoother walking. Safety lock uses a pre-select system which prevents unwanted opening of the joint. Stabilization and motion transmission take place via a rocker-bar mechanism, which we can custom fabricate according to your specifications (model "AG"). HKAFO: Partially restricted hip joints for HKAFOs are indicated for use in patients with lesions at levels L-3 to L-5, or for other diagnoses which necessitate hip stabilization. Here we distinguish between three different variants: 1-D, 2-D and 3-D. 1-D joints permit motion in flexion / extension only; 2-D joints add a pelvic rotation component for increased step length; 3-D hip joints include abduction. Unlocking takes place using a lever mechanism. Stabilization of the pelvis takes place via a pelvic band, which we can custom fabricate according to your specifications (model "AG").

pervio baria, wi	eivic band, which we can custom labricate according to your specifications (model AG).								
	Locked	1D Extension Flexion		2D Step Length with Pelvic Rotation		3D Abduction	and Adduction	No Grinding Necessary	
RGO	LOCKEG	Exterision	reziprok	Otep Length	Will T GIVIC NOTATION	Abduction	公 Stop 中 中 doss 中 doss	No Grinding Necessary	Buran-2-D
RGO	1	reziprok	reziprok				A Stop A		Revo-2-D
RGO		reziprok	reziprok				公 Stop		Revo-1-D
HKAFO		5°	12° 30° 40°		(T. A.	12°	dots Stop		Fokus-3-D
HKAFO		5° 1111;	12" 30" 40°				⊕ Stop ⊕ Stop ⊕ Stop ⊕ Stop ⊕ Stop ⊕ Stop		Fokus-2-D
HKAFO		5° \	12° 30′ 40°				公 Stop 公 dots 公 Stop		Fokus-1-D