

ISKD Nail

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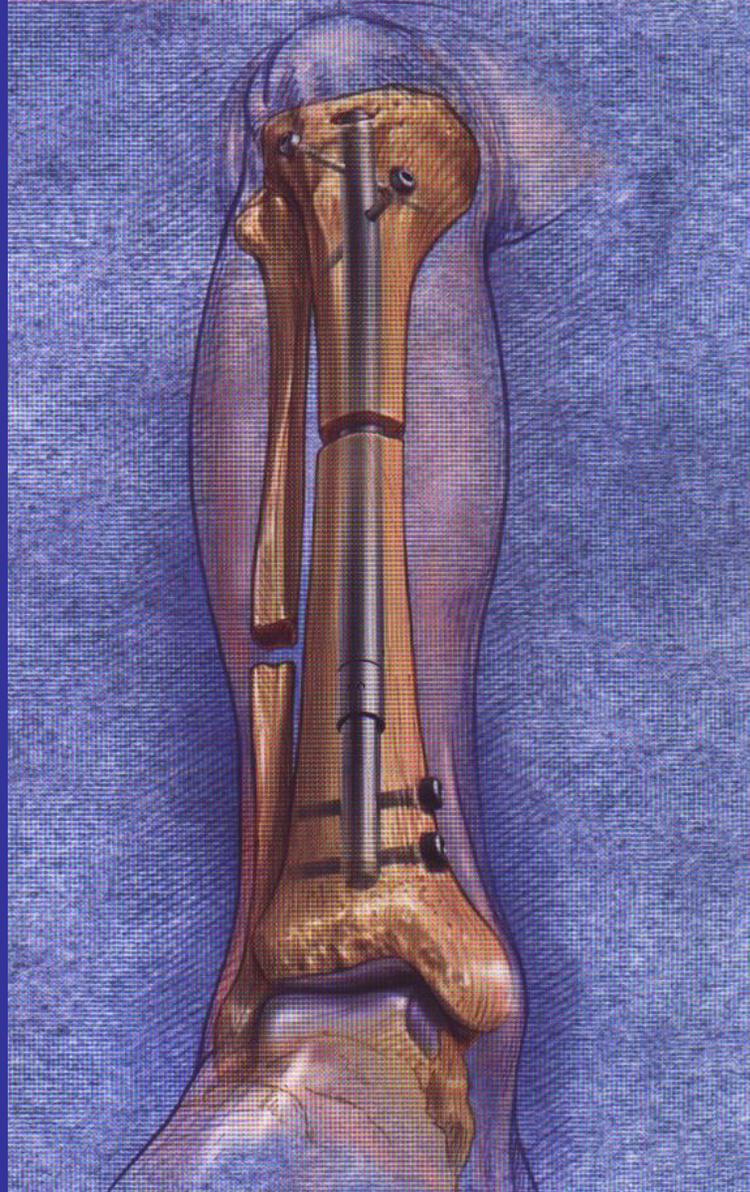
www.LimbLengthening.com

HOSPITAL
FOR
SPECIAL
SURGERY



ISKD

Fully implantable limb
lengthening nail
Intramedullary
skeletal kinetic
distractor





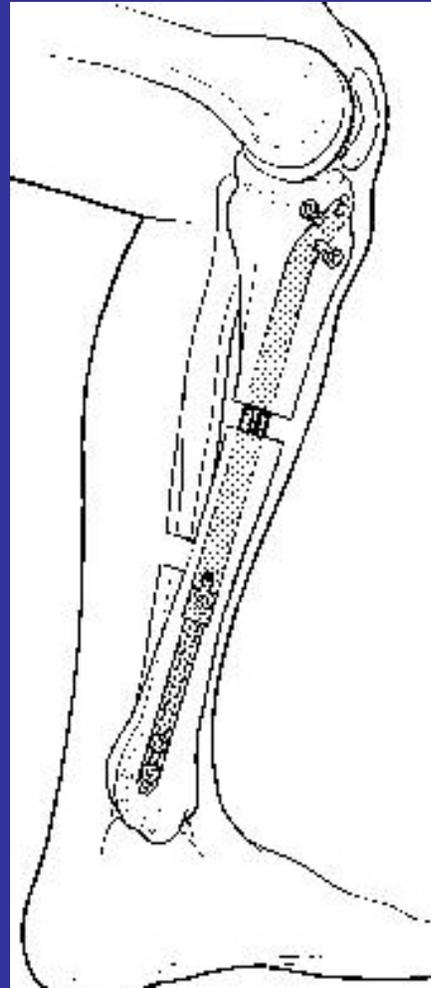
Straight nail

ISKD

Manufactured by
Orthofix

Achieves gradual
internal lengthening

Can lengthen femur
or tibia

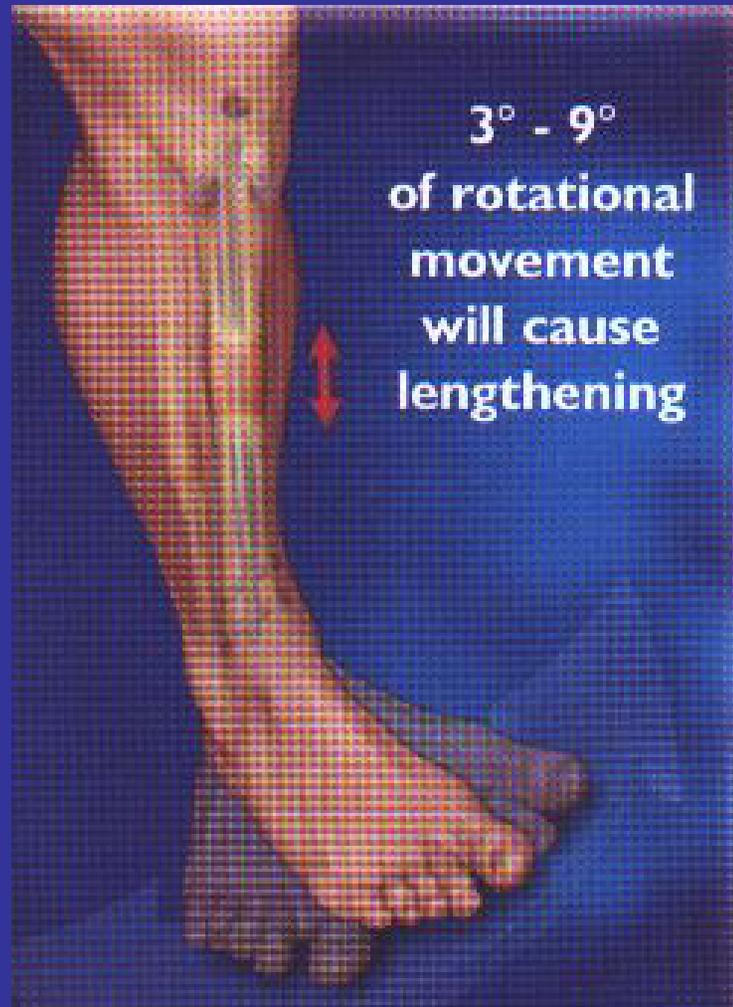


Rotation

Small rotational movements by the patient cause the telescopic nail to lengthen

Avoids any need for an external apparatus

- Less chance of infection
- More comfortable



Ilizarov Method

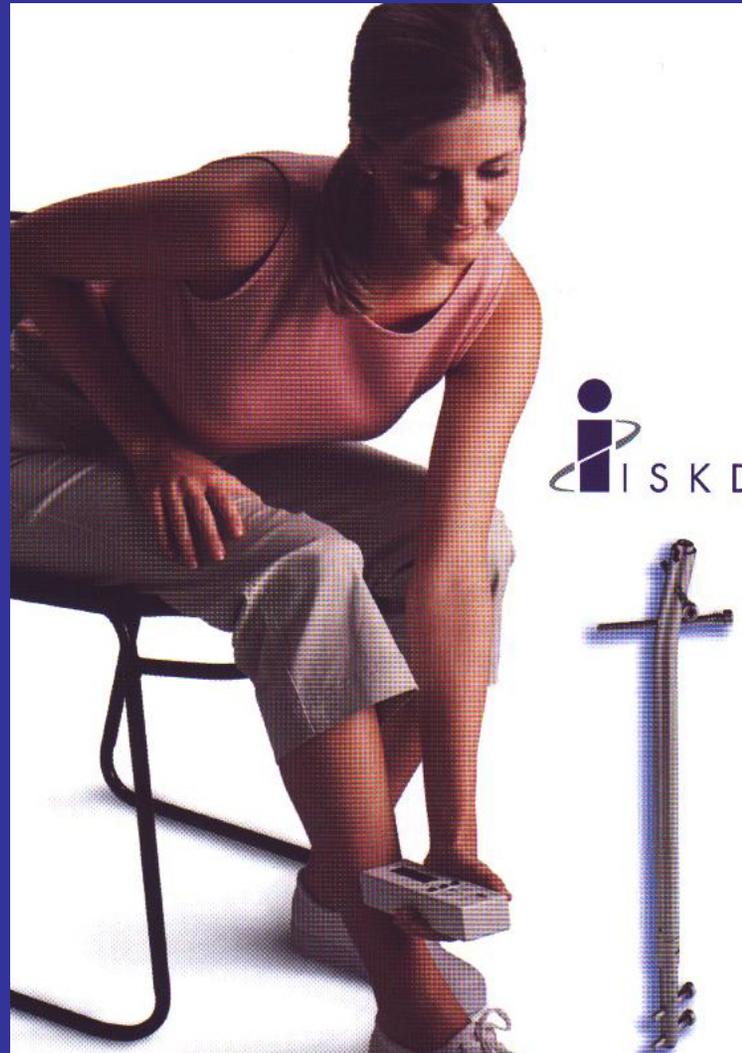
Lengthening is according to the concept of the Ilizarov method

Gradual lengthening of callus or new bone

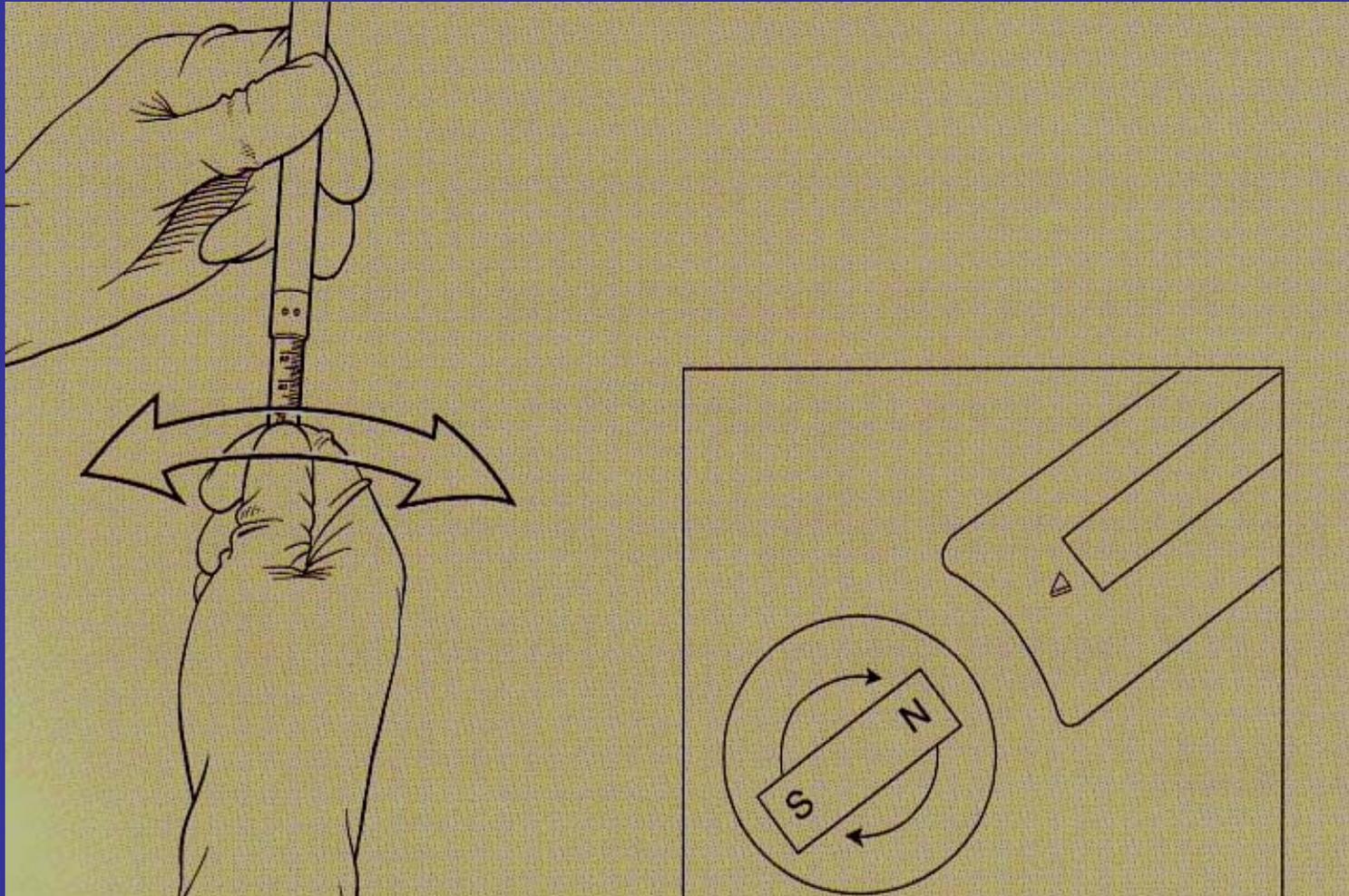


Patient control

Patient can monitor
lengthening
Monitor is held up
against skin



Monitor allows patient to follow progress of distraction



inventory

Locking Screws

Shaft Diameter (mm)	Shaft Length (mm)	Thread Length (mm)	Catalog #
4.8	20	7	S4820NS
4.8	25	7	S4825NS
4.8	30	7	S4830NS
4.8	35	7	S4835NS
4.8	40	7	S4840NS
4.8	45	7	S4845NS
4.8	50	9	S4850NS
4.8	55	9	S4855NS
4.8	60	9	S4860NS
4.8	65	9	S4865NS
4.8	70	12	S4870NS
4.8	75	12	S4875NS

Revision Locking Screws

Shaft Diameter (mm)	Shaft Length (mm)	Thread Length (mm)	Catalog #
4.8	20	7	RS4820NS
4.8	25	7	RS4825NS
4.8	30	7	RS4830NS
4.8	35	7	RS4835NS
4.8	40	7	RS4840NS
4.8	45	7	RS4845NS
4.8	50	9	RS4850NS
4.8	55	9	RS4855NS
4.8	60	9	RS4860NS
4.8	65	9	RS4865NS
4.8	70	12	RS4870NS
4.8	75	12	RS4875NS

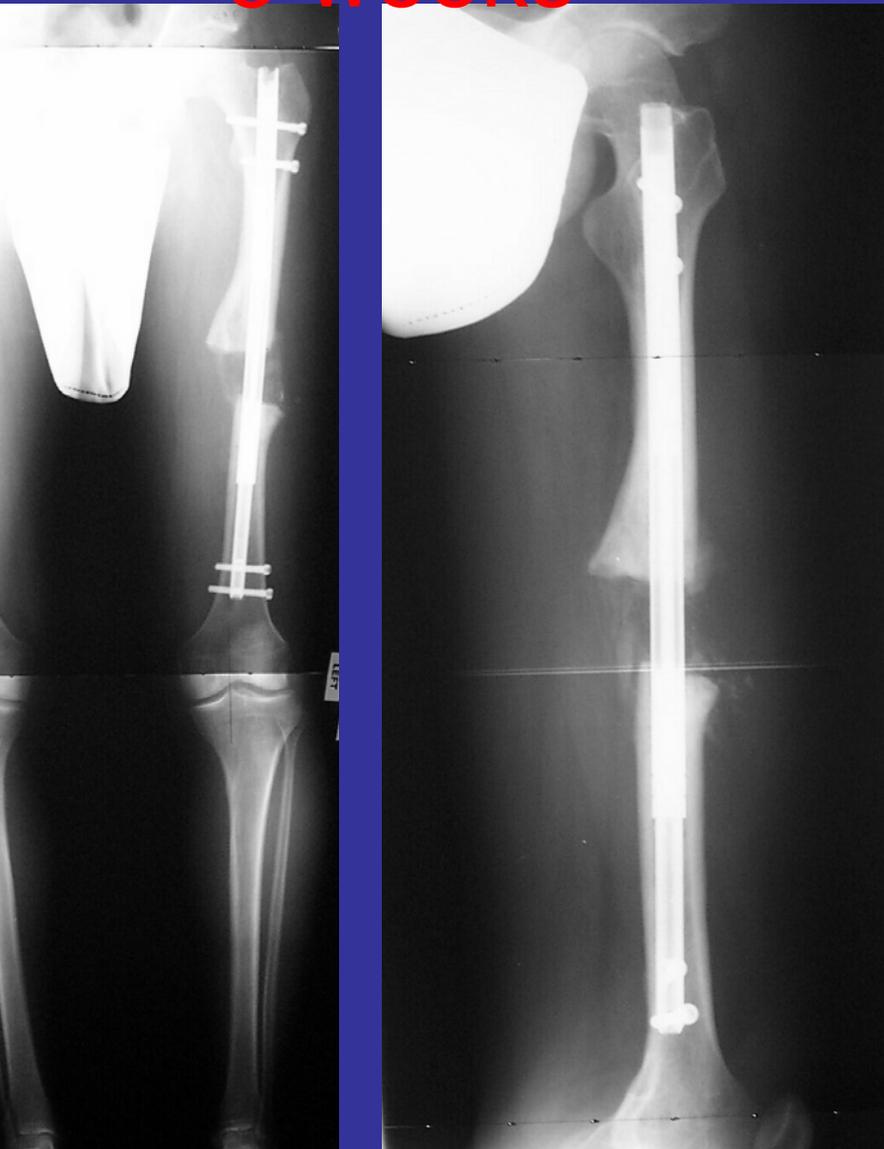
Lengtheners

ISKD Diameter (mm)	Maximum Distraction (mm)	Start Length (mm)	Max. End Length (mm)	Catalog #
12.5	50	255	305	F12-255-305
12.5	50	300	350	F12-300-350
12.5	50	345	395	F12-345-395
12.5	80	255	335	F12-255-335
12.5	80	300	380	F12-300-380
12.5	80	345	425	F12-345-425
14.5	50	255	305	F14-255-305
14.5	50	300	350	F14-300-350
14.5	50	345	395	F14-345-395
14.5	80	255	335	F14-255-335
14.5	80	300	380	F14-300-380

ISKD: internal lengthening nail 4 cm shortening plus deformity



5 weeks



2 months



months, fully healed, no deformity
or leg length discrepancy



New bone formation around intramedullary rod



6 months



6 months



12 months



Thank You

