



Inspired
Orthopaedics Healthcare

The Inspired Functional Arm Brace Series

英仕功能性手臂护具系列



The Inspired Functional Arm Brace / 英仕功能性手臂护具

This series of products are good substitute of traditional plaster cast to treat stable fracture of distal radius and humerus.

They have advantages of reducing risk of bone healing failure、arm muscle shrinkage and stiff joint problem,etc.

此系列产品可很好地替代传统石膏来治疗远端桡骨、肱骨稳定性骨折。具有减小骨折愈合风险、肌肉萎缩、关节僵硬风险等优点。



Functional Forearm Brace

Indication

- ◆ Forearm distal radius stable fracture
 - ◆ After operative treatment which implants and internal fixation
 - ◆ Non-operative or emergency treatments
- S: Blue, 21-23cm
M: Black, 23-25cm
L: White, 25-26cm

功能性前臂护具

应用

- ◆ 前臂远端桡骨稳定性骨折
 - ◆ 植入和内部固定的骨折手术治疗后
 - ◆ 非手术治疗或急救治疗
- 小码: 蓝色, 21-23CM
中码: 黑色, 23-25CM
大码: 白色, 25-26CM



Functional Upper Arm Brace

Indication

- ◆ Humeral stable fracture
 - ◆ After operative treatment which implants and internal fixation
 - ◆ Non-operative or emergency treatments
- S: Blue, 17-19cm
M: Black, 19-21cm
L: White, 21-23cm

功能性上臂护具

应用

- ◆ 肱骨稳定性骨折
 - ◆ 植入和内部固定的骨折手术治疗后
 - ◆ 非手术治疗或急救治疗
- 小码: 蓝色, 17-19CM
中码: 黑色, 19-21CM
大码: 白色, 21-23CM



Functional Arm Brace

Indication

- ◆ Forearm distal radius stable fracture and mid-shaft humeral stable fracture
 - ◆ After operative treatment which implants and internal fixation
 - ◆ Non-operative or emergency treatments
- S: Blue
M: Black
L: White

功能性整臂护具

应用

- ◆ 前臂远端桡骨稳定性骨折和中手肘
 - ◆ 肱骨稳定性骨折
 - ◆ 植入和内部固定的骨折手术治疗后
 - ◆ 非手术治疗或急救治疗
- 小码: 蓝色
中码: 黑色
大码: 白色

Suggested Fitting Guidelines / 建议选用的尺码

	AB	BC	Measurement Diagram (测量图)
Small (小)	21-23cm	17-19cm	
Medium (中)	23-25cm	19-21cm	
Large (大)	25-26cm	21-23cm	

Product Features / 产品特性



The external fixation unit provides controllable axial alignment force to stable fractured humerus or radius

外部固定支架除能为骨折的臂骨或桡骨提供支撑保护外, 对骨折位置的愈合及对齐性起到关键性作用

The multi-cushion air braces use compressed air and functional foam providing controllable and uniform circumferential pressure on arm

多气囊式软垫通过压缩空气和多功能海棉提供一致的周边压力, 能加快骨折痊愈康复时间



The pump set is used for pumping air into the multi-cushion air braces

气泵是用于抽空气进入多气囊式软垫时使用。



The adjustable hinge in the whole arm brace allows flexion(0°-120°) and extension(0°-90°)

铰链式铝臂可调节的活动范围
弯曲度 (Flexion): 0°-120°
伸缩性 (Extension): 0°-90°



The aluminium inserts are removable and malleable

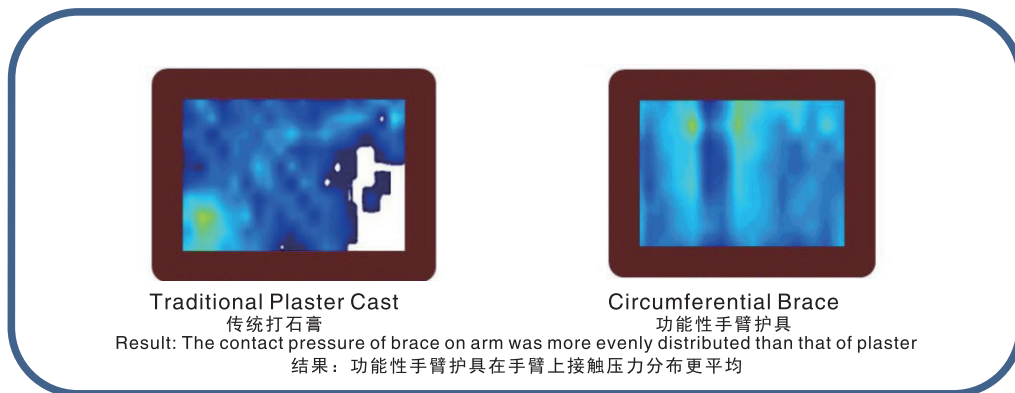
铝条插入件可按治疗加入及取下

- ◆ Design fits either left or right forearm
- ◆ X-Ray compatible
- ◆ The Inner brace is made of breathable materials, which is biocompatible and latex free
- ◆ Easy application with hook and buckle closure
- ◆ 设计适合左/右手臂使用
- ◆ X-射线兼容 (可通过X光照射, 不影响医生判断)
- ◆ 内部软垫材质通气性好. 并通过生物相容性测试, 不含乳胶成份
- ◆ 魔术贴绑带及胶扣开合, 易于使用

Advantages Comparing With The Traditional Plaster Cast 与传统打石膏相比的优点

Advantages 优点	Functional Arm Brace 功能性手臂护具	Traditional Plaster Cast 传统打石膏
Setup time 安装时间	5-10 minutes 5-10分钟	30-40 minutes 30-40分钟
Adjustable 可调节性	Adjustable and detachable at any time when you are in need 根据需要可调节角度或取下	Fixed, only can be dismantled by doctor and cannot be adjusted after the detumescence 不可调, 要由医生拆掉
Comfortable 舒适度	A.Breathable materials B.Lightweight ,is about 1kg 1.透气性材料 2.重量轻, 约1公斤	A.Air-tight B.Weights about 2kgs 不透气, 重量重, 约2公斤
Prevent the ' stiff-joint ' problem 防止关节僵硬	Prevent the ' stiff-joint ' problem don't need a physical therapy afterwards 防止关节僵硬, 不需物理治疗	Has a large risk of stiff -join, need physical therapy afterwards 有很大的关节僵硬风险, 需物理治疗
Emergency treatment 急救应用	Can be fixed timely at the scene of accident in a few minutes 可在灾祸现场安装, 只需花几分钟	Need to be installed the plaster in the hospital with a long time 需在医院打石膏, 耗时长

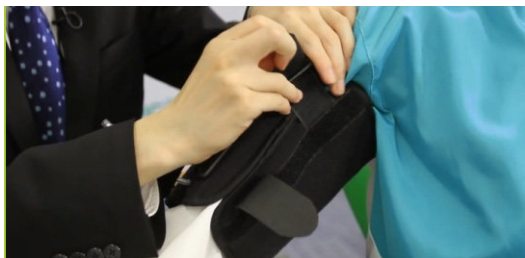
Contact Pressure Distribution Graph / 接触压力分布图



User Feedbacks / 用户反馈

Flexible contact pressure adjustment compared to plaster	相较石膏, 具有灵活可调的接触压力
Simple installation and dismantling procedure	安装和拆装过程简单
Able to temporary take off for cleaning or clinical inspection	可临时取下, 清洁手臂或作诊断检查
Significant improvement for patient functional recovery	大大提高病人功能恢复速度
Much more comfortable for patients	感觉更舒适
Can be employed with heat/cold/magnetic treatment for fracture	可用于骨折冷/热/磁疗
Can be applied on limb muscle injury	可用于手臂肌肉损伤

HOW TO USE / 如何使用



Wear the upper arm air cushion on the upper arm, fasten the velcro straps
戴上上臂气垫，固定好魔术贴带子



Pump the air into the air cushion if need
根据需要给用气泵给气囊充气



Make sure the air valve is outward
确保充气阀朝外



Adjust the angle according to actual demand and lock the hinge
根据需要调整较的角度，锁紧



Install the forearm air cushion on the forearm, cross over the two straps and fasten the velcro
戴上前臂气垫，十字交叉固定魔术贴带子



Assembly the arm sling
装上吊带



Put the arm into the external fixation unit at the right position
手臂放入外支架正确的位置



Cover the top shell and fasten the velcro straps
盖上面盖，固定好魔术贴带子

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