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### **Peanut Growth Control Plating System**

An Innovative Approach To Hemi-Epiphysiodesis

To learn more about this product,  
contact your local Biomet Sales Representative today.



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For product information, including indications, contraindications, warnings, precautions and potential adverse effects, see the package insert and Biomet's website.

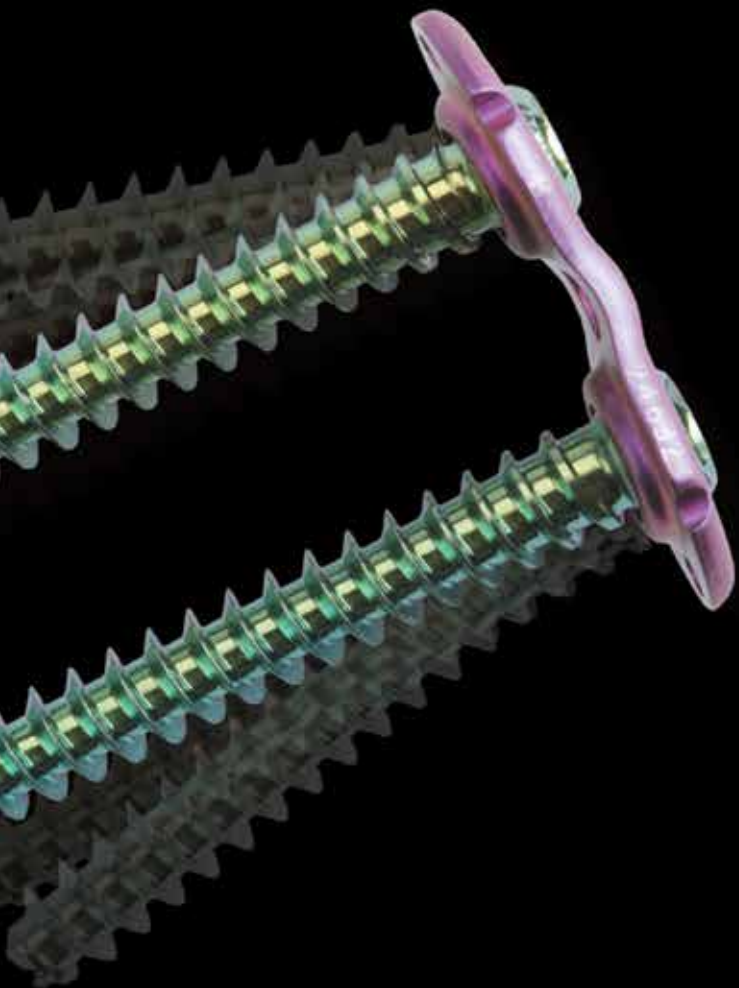


**One Surgeon. One Patient.**

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## Peanut Growth Control Plating System

An Innovative Approach To  
Hemi-Epiphysiodesis

- Provides controlled growth of healthy epiphysis, restoring proper anatomic alignment
- Advanced instrumentation enhances surgical efficiency and accommodates various surgical approaches including minimally invasive techniques
- Pre-contoured extra-periosteal plates for optimized fit and functionality
- Minimal post-operative rehabilitation and immediate weight bearing

## Peanut Growth Control Plating System

The Peanut Growth Control Plating System is designed to restore proper anatomic alignment of long bone(s) in pediatric patients with an open physis.

Innovative design features of both the implants and instruments enhance efficiency and also accommodate various surgical approaches including minimally invasive techniques. Utilization of the Peanut plate can avoid the need for an osteotomy, which effectively minimizes post-operative rehabilitation and allows immediate weight bearing.

### Plate and Screw Material

Titanium Alloy (Ti-6AL-4V)

### Indications

The Peanut Growth Control Plating System is designed for redirecting the angle of growth of long bone(s) in pediatric patients (patients who have not had physeal closure/reached skeletal maturity). This is useful for gradually correcting angular deformities in pediatric patients with an open physis. Specific conditions/diseases for which the device will be indicated include valgus, varus or flexion extension deformities of the knee (femur and/or tibia), valgus, varus or plantar flexion deformities of the ankle, valgus or varus deformities of the elbow, as well as radial or ulnar deviation, flexion or extension deformities of the wrist (radius).

### Contraindications

- Physeal closure/skeletal maturity
- Active Infection
- Patient conditions including blood supply limitations, and insufficient quantity or quality of bone
- Patients with mental or neurologic conditions who are unwilling or incapable of following postoperative care instructions or materials
- Foreign body sensitivity. Where material sensitivity is suspected, testing is to be completed prior to implantation of the device.



Valgus knee correction with the Peanut Plate



Varus femur correction with the Peanut Plate



Flexion deformity of the femur treated with the Peanut Plate.

Images provided by Kenneth Noonan, M.D.

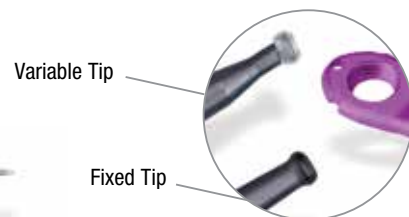
## Peanut Growth Control Plating System - Insertion Options

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### Optimized Soft Tissue Protection

- Non-locking, Fixed, and Variable 2.7mm Drill Sleeves accommodate universal Wire Inserts for efficient, stepwise screw insertion preparation and soft tissue protection
- Threaded screw holes help to securely anchor drill sleeves within the plate



- Working Cannula can be used to help protect against soft tissue damage and can also serve as an inserter when used with locking drill sleeves

### Complete Growth Plate Avoidance

- Plate design incorporates proximal and distal K-wire holes, providing the option of aligning the plate without invading the physis. Plate Holding Forceps integrate a split K-Wire channel for a 1.6mm guide wire
- Offset design allows for easy passage of instruments into the plate and facilitates unobstructed fluoroscopic views
- Variable Drill Sleeves limit extreme drilling trajectories which can cause poor screw seating



- The Plate Inserter/Extractor is cannulated to pass over a central guide wire
  - Plate removal is simple. The Inserter/Extractor's tip threads into the plate's center hole, ensuring captured removal as screws are disengaged
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**Elevated Plate Design**

- Built in washers incorporated into plate design for reduced contact with growth plate and periosteum
- Recessed screw holes allow for low profile seating of screws to help avoid patient discomfort

**Reinforced Screws**

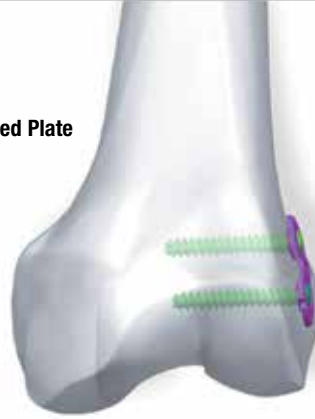
- Material: Titanium alloy



Tapered screw design effectively increases overall strength. Note the minor thread diameter tapering from the screw head towards the self-cutting tip

- Reverse buttress threads to guard against pull out

**Arched Plate**



- Pre-contoured plate geometry conforms to patient anatomy for optimized fit and functionality. Two plate styles – Arched and Offset - for enhanced plate-to-bone interface and maximization of screw divergence

**Offset Plate**



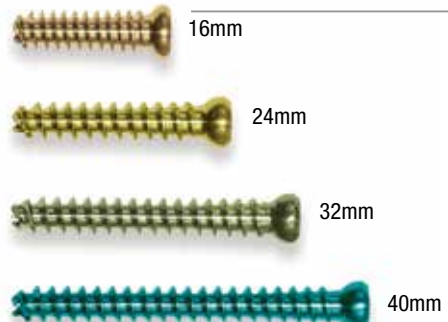
**Offset Stepped Plate**



**Arched Plate**



- Both plate styles available in 16mm and 12mm sizes to better accommodate varying patient anatomies
- Color coded Plates and Screws for easy discernment



Offered in solid and cannulated screws

## Ordering Information

### Plates

Catalog No.	Description	Qty
24612	12mm Stepped Peanut Plate	4
24616	16mm Stepped Peanut Plate	4
24632	12mm Arched Peanut Plate	4
24636	16mm Arched Peanut Plate	4



### Screws

Catalog No.	Description	Qty
24516	4.5mm x 16mm Cannulated Screw	8
24524	4.5mm x 24mm Cannulated Screw	8
24532	4.5mm x 32mm Cannulated Screw	16
24540	4.5mm x 40mm Cannulated Screw	8
24716	4.5mm x 16mm Solid Screw	8
24724	4.5mm x 24mm Solid Screw	8
24732	4.5mm x 32mm Solid Screw	16
24740	4.5mm x 40mm Solid Screw	8



### Instruments

Catalog No.	Description	Qty
22880	Ratcheting AO Handle	1
24400	Plate Holding Forcep	1
24412	3.5mm Cannulated Hex Driver	2
24420	Plate Inserter / Extractor	1
24425	Variable Drill Sleeve 2.7mm	2
24436	Fixed Drill Sleeve 2.7mm	2
24470	Working Cannula	1
24472	Non-Locking Drill Sleeve	2
24474	Wire Sleeve Insert	3
24480	Overwire Depth Gage	1
24485	3.5mm Hex Screw Extractor	2
456469	Screw Holding Forceps	1
595402	Instrument Tray	1



### Disposables

Catalog No.	Description	Qty
24445	2.7mm Cannulated AO Drill	2
24440	2.7mm Solid AO Drill	2
24415	8in Guide Wire, Threaded Tip	8