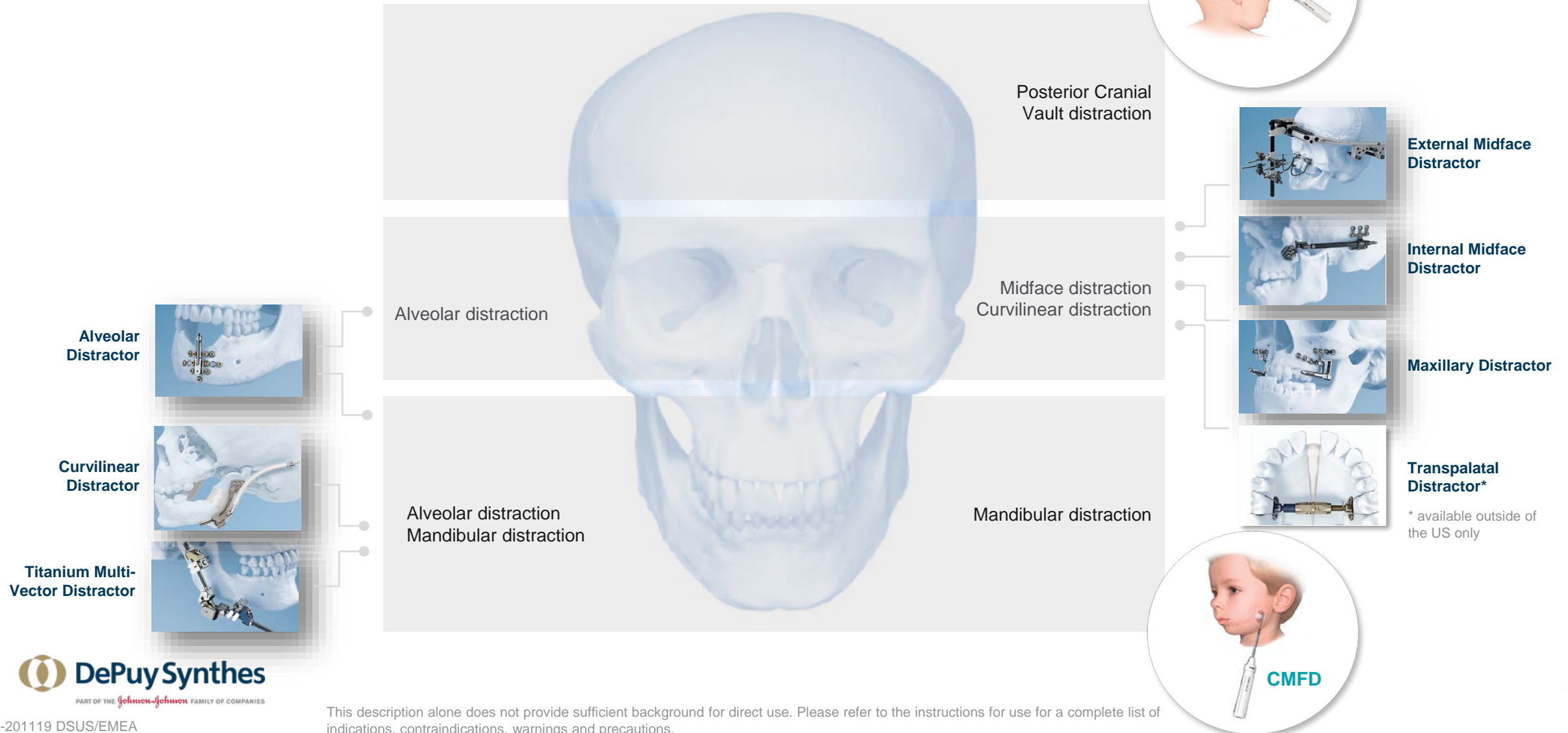


Curvilinear Distractor

Paulina Schneider
Global Strategic Marketing



DePuy Synthes Distraction Portfolio



Curvilinear Distractor

Introduction

Internal distraction devices that advance the mandible along a curved path to allow the bone growth along both horizontal and vertical vectors

1.3 Curvilinear Distractor



2.0 Curvilinear Distractor



Curvilinear Distractor

Intended Use, Indications & Contraindications

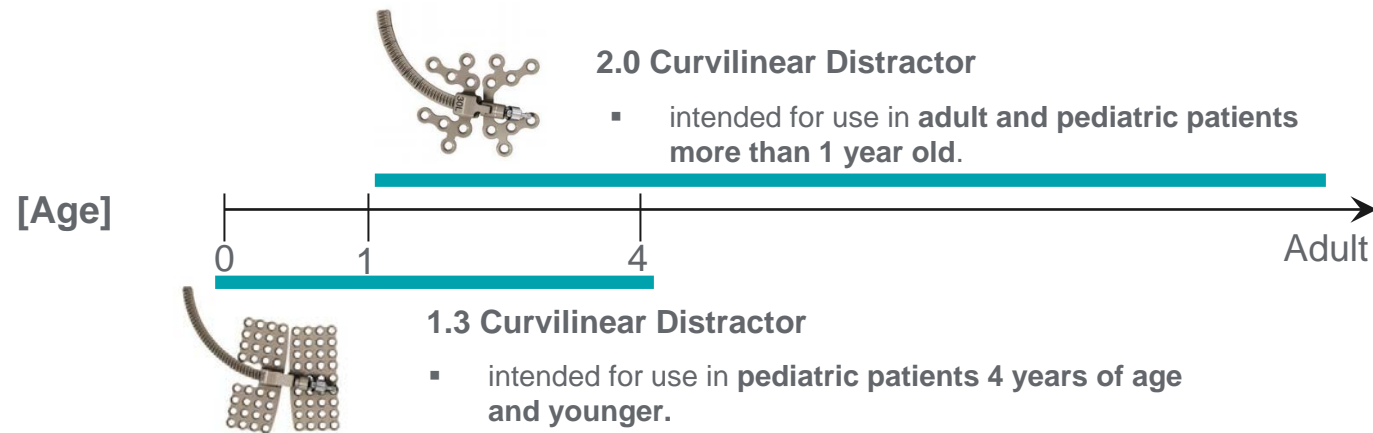
Intended Use

The DePuy Synthes Curvilinear Distraction System is intended for use as a bone stabilizer and lengthening (and/or transport) device.

Indications

The DePuy Synthes Curvilinear Distraction System is indicated for correction of congenital deficiencies or posttraumatic defects of the mandibular body and ramus where gradual bone distraction is required.

The Curvilinear Distraction System is intended for single use only.



Contraindications

Use of the DePuy Synthes Curvilinear Distraction System is contraindicated in patients sensitive to nickel.

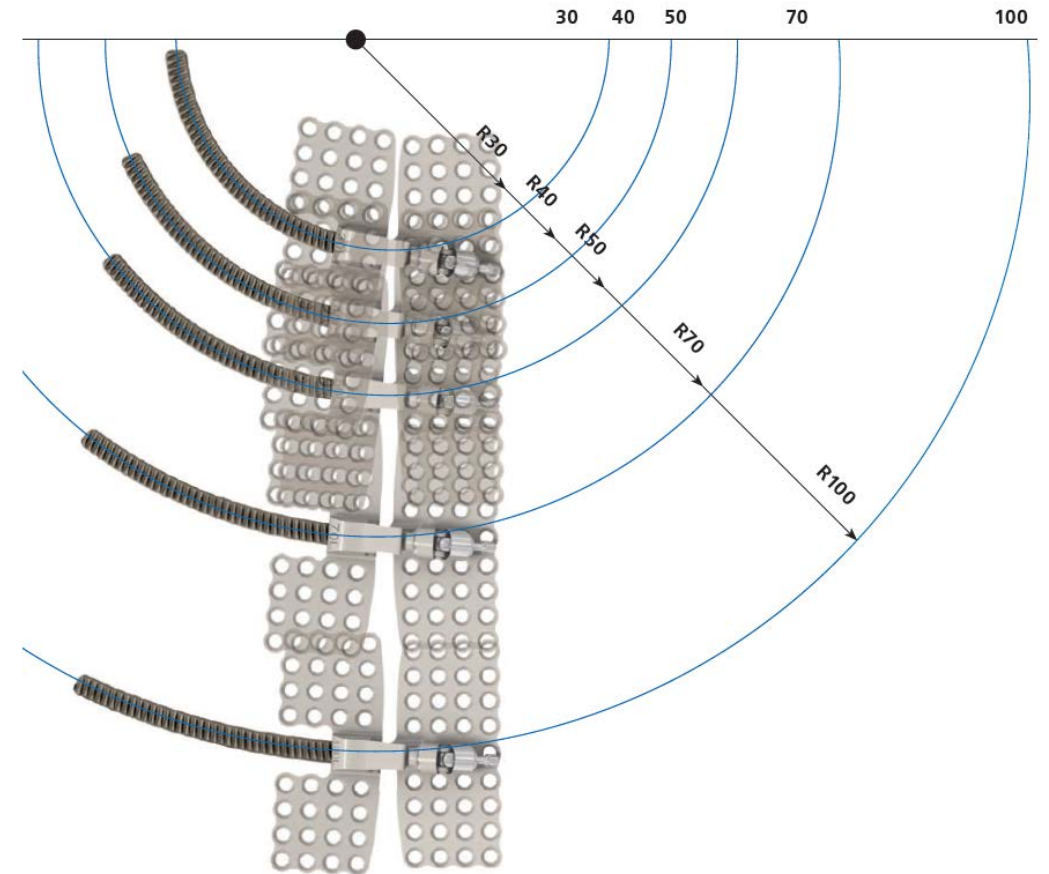
Curvilinear Distractor

System Content – Distractors

Available in **various radii of curvature** to help accommodate individual patient's needs

- The **distraction radius** (i.e. R30) corresponds to the distance in millimeters from the center of a circle to the centerline curvature of distractor.
- A smaller radius results in a tighter curvature of distraction whereas a larger radius is closer to a straight path.
- Also available in a **straight version**

Capable of **35 mm of advancement**



Curvilinear Distractor

System Content – Extension Arms

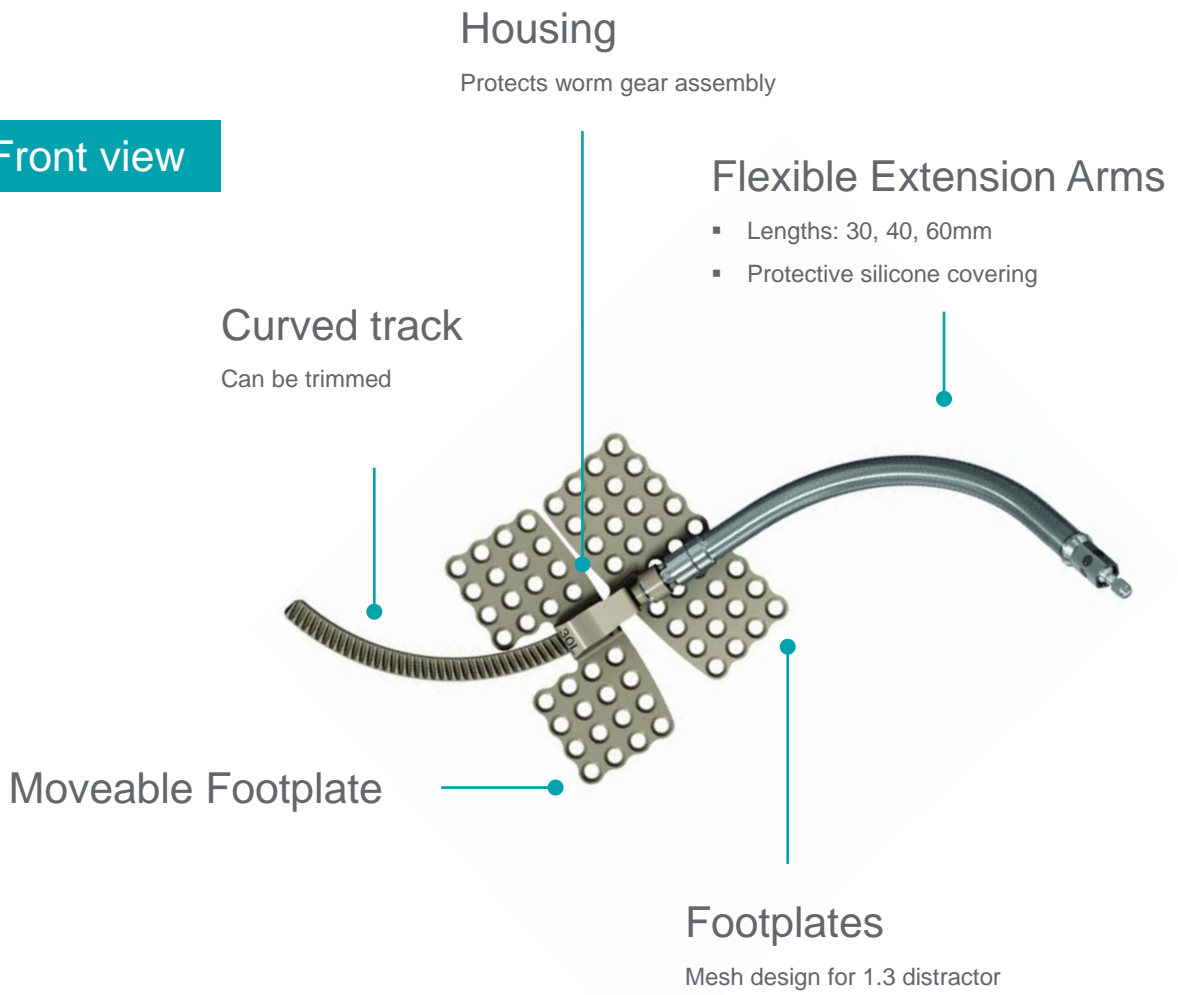


- Can be **removed after the activation period**¹
- **Flexible Extension Arms** with in-line removal to easily disengage in presence of soft tissue coverage².
 - Offered in 3 lengths: 30, 40, 60mm
- **Rigid Extension Arms** are also available
 - Offered in 3 lengths: 20, 40, 60mm.

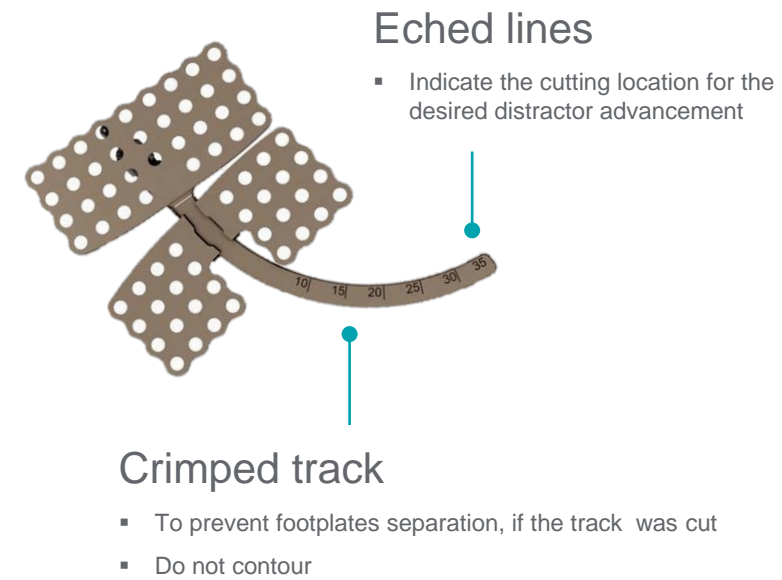
Curvilinear Distractor

1.3 Curvilinear Distractor

Front view



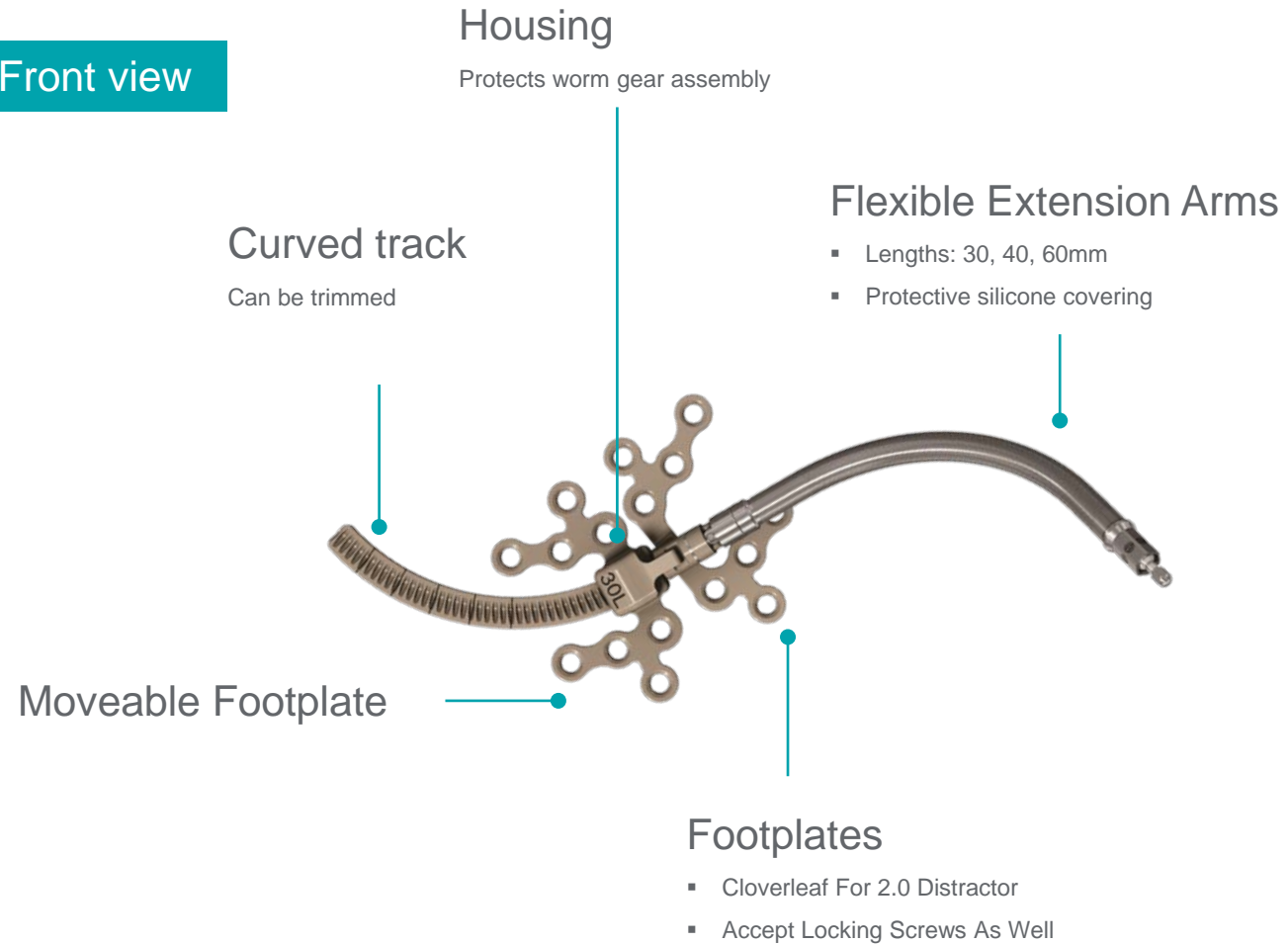
Back view



Curvilinear Distractor

2.0 Curvilinear Distractor

Front view



Curvilinear Distractor

Key Messages



- Internal distractor **for use in mandible**
- **Advance along a curved track** to promote bone growth along both horizontal and vertical vectors
- **5 radii of curvature** available
- **Straight version** also available
- Advancements possible **up to 35mm**
- Indicated for **adult and pediatric patient** (including neonates):
 - **2 plate designs** available
- Extension arms moving point of distractor activation to more accessible area **can be removed during consolidation phase** during an in-office procedure



DePuy Synthes

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