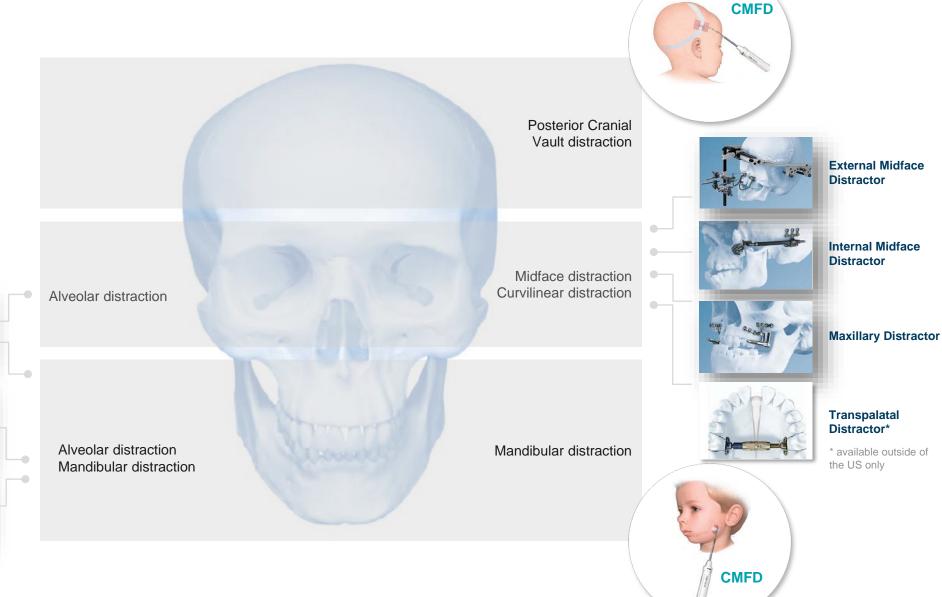
Paulina Schneider Global Strategic Marketing





DePuy Synthes Distraction Portfolio



2/10

DePuy Synthes
PART OF THE Softwork Softwork FAMILY OF COMPANIES

Alveolar Distractor

Curvilinear

Distractor

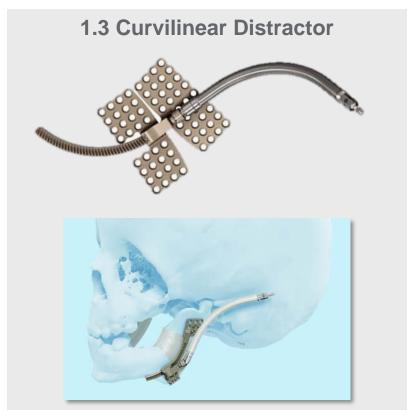
Titanium Multi-Vector Distractor

159774-201119 DSUS/EMEA

This description alone does not provide sufficient background for direct use. Please refer to the instructions for use for a complete list of indications, contraindications, warnings and precautions.

Introduction

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







Intended Use, Indications & Contraindications

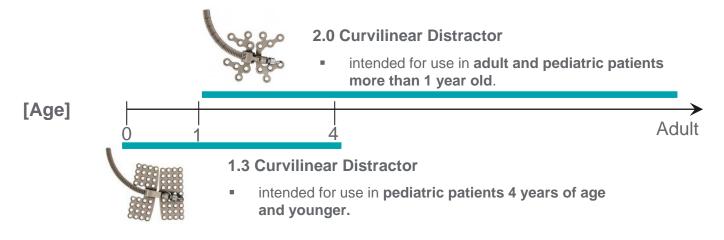
Intended Use

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.

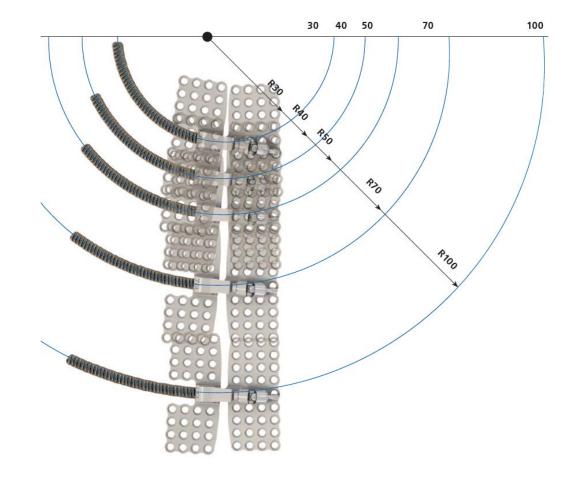


System Content – Distractors

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



159774-201119 DSUS/EMEA

System Content – Extension Arms



- Can be removed after the activation period¹
- 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.



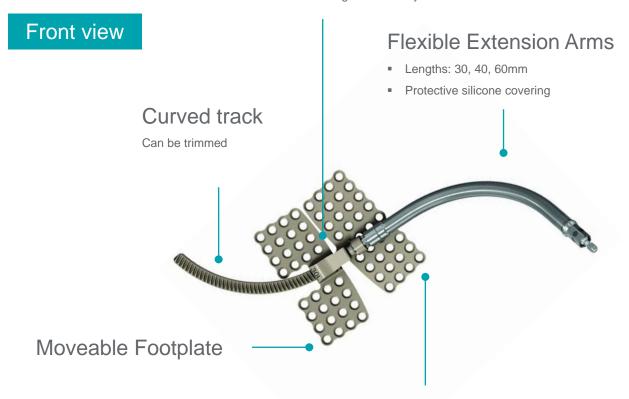
^{1.} DePuy Synthes, Cadaver Lab Rigid Extension Arm Validation Report, A.22, Nov 2017 WC#0000268339. Data on file

^{2.} DePuy Synthes, CMFD Relaunch Lab 1 Report, A.120, Oct 2019, WC#0000248942. Data on file.

1.3 Curvilinear Distractor

Housing

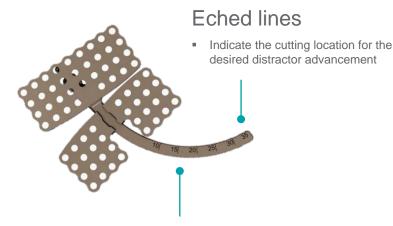
Protects worm gear assembly



Footplates

Mesh design for 1.3 distractor

Back view

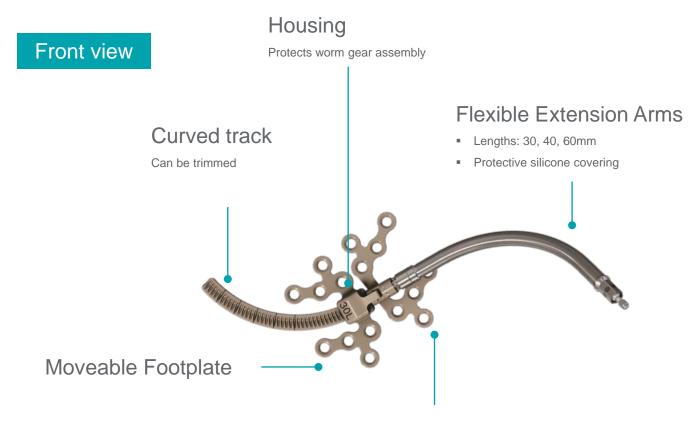


Crimped track

- To prevent footplates separation, if the track was cut
- Do not contour



2.0 Curvilinear Distractor



Footplates

- Cloverleaf For 2.0 Distractor
- Accept Locking Screws As Well



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





159774-201119 DSUS/EMEA