This specialized surgical kit provides precision micro-instruments specifically designed for today's minimally invasive soft tissue grafting procedures. Surgical applications include soft tissue augmentation, root coverage, vestibular extension, stabilization of mobile marginal tissue, and ridge augmentation.

**HU-FRIEDY KEY OPINION LEADER**

**THE ALLEN ORAL PLASTIC SURGERY KIT**

Dr. Allen is the former president of the American Academy of Esthetic Dentistry, the American Academy of Restorative Dentistry and the American Academy of Periodontology Foundation. He currently serves as the Periodontal Section Editor for the Journal of Esthetic Dentistry and serves on the Editorial Boards of the Journal of Periodontology and the International Journal of Periodontics and Restorative Dentistry.

Dr. Allen received the Distinguished Alumnus Award from the Baylor College of Dentistry Periodontics Residency Program, the Master Clinician Award from the American Academy of Periodontology and the Best Teacher Award from the American Academy of Esthetic Dentistry. Dr. Allen is the Founder and Director of the Center for Advanced Dental Education in Dallas, Texas where he teaches surgical technique courses. He has published over 50 articles in the area of esthetic surgery and continues to present numerous lectures and surgical demonstrations worldwide.

**DR. EDWARD P. ALLEN, D.D.S., PH.D.**

**ALLENKIT**

**THE ALLEN ORAL PLASTIC SURGERY KIT INCLUDES:**

<table>
<thead>
<tr>
<th>PART CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMN4160</td>
<td>16 Instrument Infinity Series Cassette</td>
</tr>
<tr>
<td>SYRCW</td>
<td>CW Aspirating Anesthetic Syringe</td>
</tr>
<tr>
<td>10-130-05</td>
<td>5 Straight Round Scalpel Handle</td>
</tr>
<tr>
<td>PCP116</td>
<td>CP-11 Color-Coded Probe</td>
</tr>
<tr>
<td>MIR5/3</td>
<td>5 Front Surface Mouth Mirror</td>
</tr>
<tr>
<td>MH6 (2)</td>
<td>6 Mirror Handle</td>
</tr>
<tr>
<td>KPAX</td>
<td>Allen End-Cutting Intrasulcular Knife, Black Line</td>
</tr>
<tr>
<td>K012KP3R49</td>
<td>Allen Arrowhead Knife, Everedge®</td>
</tr>
<tr>
<td>K012KPO3R9</td>
<td>Modified Allen Orban Knife Round, Everedge</td>
</tr>
<tr>
<td>SYG7/89E2 (2)</td>
<td>7/8 Younger-Good Curette, Everedge</td>
</tr>
<tr>
<td>SP20</td>
<td>20 Corn Suture Pliers</td>
</tr>
<tr>
<td>8-905DD</td>
<td>Plain Straight Micro Tissue Pliers, Diamond Dusted</td>
</tr>
<tr>
<td>NHM-5026R</td>
<td>Micro Castroviejo Perma Sharp Needle Holder, Diamond Dusted</td>
</tr>
<tr>
<td>S5080</td>
<td>Straight Goldman-Fox Perma Sharp Scissors</td>
</tr>
<tr>
<td>PPAELX</td>
<td>Allen Periosteal Elevator, Black Line</td>
</tr>
<tr>
<td>PPAELAX</td>
<td>Allen Periosteal Elevator, Anterior, Black Line</td>
</tr>
<tr>
<td>PPAELPX</td>
<td>Allen Periosteal Elevator, Posterior, Black Line</td>
</tr>
<tr>
<td>MCUPE (1)</td>
<td>Immunity Steel Cup, Modified</td>
</tr>
<tr>
<td>ALLENCARD</td>
<td>Allen Membrane Measurement Card</td>
</tr>
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**RECOMMENDED KIT ADDITIONS (sold separately):**

<table>
<thead>
<tr>
<th>PART CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSN8384P</td>
<td>6-0 Blue Polypropylene, 18”, C-17, 3/8 Circle Premium Reverse Cut</td>
</tr>
</tbody>
</table>
GINGIVAL RECESSION
Instrument: CP-11 Color Coded Probe
Mandibular premolar with 3mm of recession and a narrow, thin zone of attached gingiva. This site will be treated by a minimally invasive grafting technique.

INITIAL INCISION
Instrument: Allen End-Cutting Intrasulcular Knife
The initial incision is made within the sulcus to sever the attachment from the base of the sulcus to the osseous crest with the KPA.

BLUNT DISSECTION
Instrument: Micro Elevator
A full thickness mucoperiosteal pouch is raised by blunt subperiosteal dissection using an Allen Periosteal Elevator.

PAPILLA ELEVATION
Instrument: Younger-Good 7/8 Curette
This curette is used as a curved elevator to separate the papilla from the interdental osseous crest.

ROOT PREPARATION
Instrument: Younger-Good 7/8 Curette
This curette is also used to plane the exposed root, removing any deposits and smoothing the surface.

SHARP DISSECTION
Instrument: Allen Modified Orban Knife
The pouch is extended and mobilized by sharp supraperiosteal dissection apically and laterally with the Allen Modified Orban Knife.

GRAFT PLACEMENT
6-0 Polypropylene Suture
The Alloderm graft is inserted into the pouch using the Younger-Good 7/8 curette. The graft may be sutured before or after insertion with 6-0 Polypropylene.

6-0 SUTURING
6-0 Polypropylene Suture
Using 6-0 Polypropylene suture and a Micro Castro needle holder, coronally advance the pouch to completely cover the graft and secure with an interrupted sling suture.

SUTURE REMOVAL
At four weeks post-surgery, the surface suture is removed. The graft suture is removed at three months post-surgery. The suture removal is facilitated by use of the Allen/Johnston Suture Removal Kit.

SIX MONTHS AFTER GRAFTING
Complete root coverage and increased dimensions of attached gingiva have been achieved.

The surgical techniques described herein are for illustrative purposes only. The technique(s) actually employed in each case must always depend upon the independent medical judgment of the surgeon exercised before and during surgery as to the best mode of treatment for each patient.
Cuts suture.

**Goldman-Fox Perma Sharp Straight Scissors**

7/8 Younger-Good Curette, EverEdge

Used for root preparation. The curvature of the curette is also ideal for elevation of the papilla from the interproximal osseous crests in tunneling procedures.

**Allen End-Cutting Intrasulcular Knife, Black Line**

Used for the initial intrasulcular incisions. The thin narrow blade with dull sides provides for incisions from the base of the sulcus to the alveolar crest without harming the sulcular walls.

**Allen Arrowhead Knife, EverEdge®**

The new Allen Arrowhead Knife is indicated to initiate the sharp dissection with less risk of cutting the sulcular margin and to reach undercuts while maintaining contact with bony surface irregularities where the longer blade of the Modified Orban Knife would be more likely to span.

**Allen Periosteal Elevator, Anterior, Black Line**

Used for blunt reflection of the tissue in pouch and tunneling procedures in the anterior region or where the tissue is very thin. One-third narrower than the PPAEL.

**Allen Modified Orban Knife, EverEdge**

Used for sharp dissection in pouch and tunnel procedures. The cutting edge ends 5mm from the shank allowing for lateral dissection without harming sulcular margin. The flat side of the instrument enables close approximation to the periosteum for immediate supra-periosteal dissection.

**Allen Periosteal Elevator, Posterior, Black Line**

Used for blunt dissection in the tunnel technique. The angle of the shank provides improved access for posterior interradicular dissection.

**Allen Periosteal Elevator, Black Line**

Used for blunt tissue reflection in pouch and tunneling procedures. The three-sided instrument (the curved end may be used with the curve down or up) enables sub-periosteal elevation of bound-down tissue reducing the risk for perforation.

**Allen Arrowhead Knife, EverEdge**

Periodontal probe with markings at 3-6-8-11mm in #6 Satin Steel handle.

**CP-11 Color Coded Periodontal Probe**

Round handle allows for precise fingertip control of scalpel blade.

**Goldman-Fox Perma Sharp Straight Scissors**

Cuts suture.
Micro Straight Castro Needle Holder, Diamond Dusted  
| NHM-5026R  
Narrow beaks hold 6-0 and 7-0 sutures, diamond dusting grips without scarring the needle, round handle allows for fingertip control. Should not be used on suture larger than 6-0.

Corn Suture Pliers  
| SP20  
Allows for better visibility of tissue margins for exact suture placement.

Precision Dressing Forceps, Diamond Dusted  
| 8-905DD  
Small diameter diamond dusted beaks allows the assistant to capture small diameter suture needles in embrasure spaces.

#5 Front Surface Mouth Mirror  
| MIR5 (2)  
| MH6 (2)  
Mirror with large diameter ergonomic handle for cheek and tongue retraction.

#6 Satin Steel Mirror Handle  
16 Instrument Infinity Series Cassette  
Hinged Instrument Clips  
| IMN416X  
| IM1002 (2)  
16 instrument IMS cassette to organize instruments with clips to hold scissors in lid of cassette.

Type CW Anesthetic Aspirating Syringe, Winged  
| SYRCW  
Used for the delivery of local anesthetics.

6-0 Blue Polypropylene 18” C-17  
3/8 Circle Reverse Cut  
| PSN8384P  
This suture is used to secure the graft over the root within the pouch.

Allen Membrane Measurement Card  
| ALLENCARD  
The Allen Membrane Measurement Card is used as a sturdy, sterilizable surface to measure and trim membrane material.

ALLEN/JOHNSTON SUTURE REMOVAL KIT
This kit was specifically designed for removing sutures placed during periodontal plastic surgery procedures, when microsurgical techniques are utilized.

AJSRKIT  
THE ALLEN/JOHNSTON SUTURE REMOVAL KIT INCLUDES:

<table>
<thead>
<tr>
<th>PART CODE</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>IMN5056E2</td>
<td>IMS Infinity Series™ Cassette</td>
</tr>
<tr>
<td>EXD56</td>
<td>#5 Explorer, #6 Satin Steel® Handle</td>
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<tr>
<td>S31</td>
<td>Castroviejo Scissors</td>
</tr>
<tr>
<td>EXD66</td>
<td>#6 Explorer, #6 Satin Steel Handle</td>
</tr>
<tr>
<td>DPU17</td>
<td>Utility Pick-Up Dressing Pliers</td>
</tr>
<tr>
<td>NHM-5027</td>
<td>Micro Curved Smooth Castroviejo Needle Holder</td>
</tr>
</tbody>
</table>

Call 1-800-Hu-Friedy or visit Hu-Friedy.com for more information.