Ordering Information
To place an order, please call 1 (800) 382-4682.
Contact your local DePuy Synthes Mitek Sports Medicine Sales Consultant for additional information.

PEAK PRP Base Centrifuge: 278010  PEAK PRP 30 ml Disposable Kit: 278001

Mitek Sports Medicine:
Limited Warranty and Disclaimer: DePuy Mitek, Inc. products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.
WARNING: In the USA, this product has labeling limitations. See package insert for complete information.
CAUTION: USA Law restricts these devices to sale by or on the order of a physician.
Not all products are currently available in all markets.

1. Data on File.

PEAK™ is a trademark of DePuy Synthes Companies. PEAK™ Platelet Rich Plasma System is manufactured by DSM Biomedical.

Indication For Use: The PEAK PRP System is designed to be used for the safe and rapid preparation of autologous platelet-rich-plasma (PRP) from a small sample of blood at the patient’s point of care. The PRP is mixed with autograft and/or allograft bone prior to application to a bony defect for improving handling characteristics.

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Manufactured by:
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www.dsm.com/medical

DSUS/MTK/0814/0249  September 2014

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People inspired™

DePuy Synthes
MITEK SPORTS MEDICINE

POWER IN SIMPLICITY™
REPRODUCIBLE RESULTS
DEPuy Synthes Mitek Sports Medicine is a leader in developing Early Intervention solutions, providing you with options to treat your patients. The PEAK Platelet Rich Plasma System represents an innovation in autologous cellular therapies featuring a vertical rotor centrifugation process. The proprietary technology consistently delivers 3 ml of 7.8x high-concentration platelet rich plasma (PRP) from 27 ml of whole blood more efficiently than any other product on the market.

Achieve Optimal Ease of Use

- Easy 3-step automated process with 1 intuitive user-dependent step
- No ports to manipulate, simple single push start with a digital display countdown
- Closed system design, for a safety profile with minimal external environment interaction

Increase Practice Efficiency

- Fast 60 second spin separates whole blood with total 2.5 minute processing time from start to finish
- Portable and lightweight at less than 3 lbs, the PEAK System is easy to use, store, and transport through any site of care
- Small capital footprint allows for multiple centrifuge locations

Obtain Reproducible Results

- Isolates approximately 90% of available platelets and growth factors
- Delivers high level of reproducibility with a low 3.5% coefficient of variance
- Provides over 97% reduction of red blood cells

### PEAK Platelet Rich Plasma System Performance

<table>
<thead>
<tr>
<th></th>
<th>Whole Blood</th>
<th>PEAK System</th>
<th>Fold Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platelets</td>
<td>230</td>
<td>1803</td>
<td>7.8</td>
</tr>
<tr>
<td>SDF1-α (ng/ml)</td>
<td>2.16</td>
<td>4.27</td>
<td>2.0</td>
</tr>
<tr>
<td>PDGF-AB (ng/ml)</td>
<td>28.1</td>
<td>152.1</td>
<td>5.4</td>
</tr>
<tr>
<td>TGF-β1 (ng/ml)</td>
<td>2.87</td>
<td>30.7</td>
<td>10.7</td>
</tr>
<tr>
<td>VEGF (pg/ml)</td>
<td>271.7</td>
<td>1624</td>
<td>6.0</td>
</tr>
<tr>
<td>EGF (ng/ml)</td>
<td>4.84</td>
<td>23.3</td>
<td>4.8</td>
</tr>
<tr>
<td>White Blood Cells x 10^6/ml</td>
<td>5.1</td>
<td>21.70</td>
<td>4.0</td>
</tr>
<tr>
<td>Mononuclear Cells x 10^6/ml</td>
<td>1.9</td>
<td>12.2</td>
<td>6.0</td>
</tr>
</tbody>
</table>

Designed with you and your patients in mind the PEAK Platelet Rich Plasma System delivers power in its simple, user-friendly design to achieve consistent and reproducible results.

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