## Advanced User Friendly Software

- **Incorporates** standard tracing of anatomic and mechanical axes of bone fragments, planning and visualization.
- The user draws the contour of distal bone fragment (yellow contour) and the software shows its final position where will be the distal bone fragment after deformity correction (red contour).
- Automatically prevents the danger of tractional damage of main vessels and nerves, hypoplastic regenerate formation caused by the odd distraction rate of deformity correction.
- Significantly increases the quality of work and has in built advanced protection against human error.

## Special Features

- Quick and easy application.
- Rings of any geometry and shape can be used.
- No strict places of strut fixation to the rings.
- Correction of the deformity of any complexity in one step.
- Any random angle of placement of the rings to the bone.
- Easy in use software provides mathematically precise correction and advanced protection from the user’s error.

### Dual mode of work: fast struts mode (for fracture reduction) and gradual mode (for deformity correction).

### Copyright

Ortho-SUV Frame is patented and certified. All rights are reserved. Copyright, Patent, and License infringement will be punishable under the Russian Federation laws.

For any questions concerning copyright and license agreement registration contact:

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### Ortho-SUV Frame®

Computer Assisted Six Axis External Fixator for Fracture Reduction & Single Stage Deformity Correction

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### Instruments for Ortho-SUV Frame

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Length</th>
</tr>
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<tbody>
<tr>
<td>HASP Key (License Key for Software Use)</td>
<td>D 5160000000</td>
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<td>Combination Wrench</td>
<td>D 5170000000</td>
<td>12 mm</td>
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<td>Allen Key 4 mm</td>
<td>D 5170000000</td>
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<tr>
<td>Measuring Ruler For sides of Triangle</td>
<td>OSUV007000</td>
<td></td>
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<tr>
<td>Container</td>
<td>H 9210000000</td>
<td></td>
</tr>
</tbody>
</table>

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Automatically prevents the danger of tractional damage of main vessels and nerves, hypoplastic regenerate formation caused by the odd distraction rate of deformity correction.

Significantly increases the quality of work and has in built advanced protection against human error.

Can be placed on any desk top or laptop computer.

No Internet connection required for using the software.

Uses standard orthopedic terminology.

Works directly with the x-rays.

Exclusive rights for manufacturing, sales, and distribution of Ortho-SUV Frame outside the Russian Federation vest with:

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ORTHOSUV FRAME - A NEW GENERATION COMPUTER ASSISTED EXTERNAL FIXATION DEVICE

What does the Ortho-SUV Frame consist of?
The Ortho-SUV Frame consists of six telescopic rods of special construction (so called struts) that connect basic and mobile rings of the external frame.

How does the Ortho-SUV Frame work?
12 parameters are taken from the frame and x-rays are inserted into the specially designed software for Ortho-SUV Frame. By special tools of the software the anatomical/mechanical axes of bone fragments are drawn, as well as the contour of the distal fragment on both x-ray views. The software automatically calculates deformity correction, and visualises the final position of the distal bone fragment (where it will be after deformity correction). Finally the patient receives a schedule on what changes of length must be made to each strut each day. Following the prescription the patient receives mathematically precise deformity correction.

The Ortho-SUV Frame can also be used for the reduction of any shaft fractures or for the whole treatment period if required. The frame is first fixed to the bone & with the struts in their fast strut mode the fracture is acutely reduced under direct vision or C-Arm control. On achieving the fracture reduction the struts are locked. If the manual reduction is perfect, no further fine adjustment is necessary. In the postoperative period any additional adjustment required may be gradually performed without repeat anesthesia utilizing the user friendly software to achieve the desired results.

The Ortho-SUV Ltd. and SHPOPL have joined hands to present revolutionary computer assisted new generation external fixation device Ortho-SUV Frame.

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