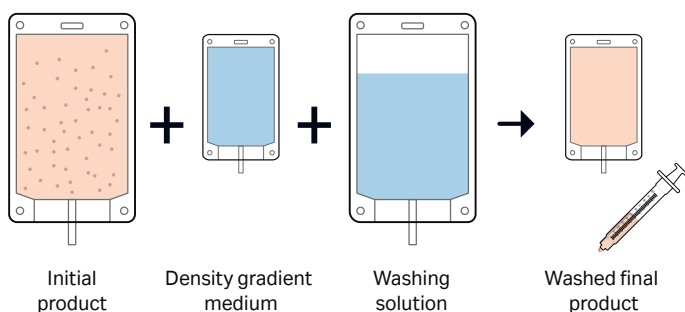


# NeatCell C-Pro application software

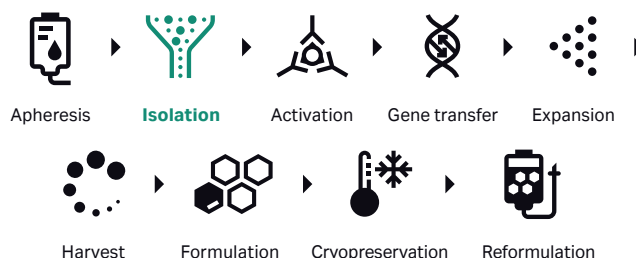
## SEPAX™ C-PRO CELL PROCESSING SYSTEM

Enrich the mononuclear cell fraction from apheresis product, bone marrow, or umbilical cord blood via a density gradient medium, such as Ficoll-Paque™, using NeatCell C-Pro application software. Use this application software in combination with Sepax C-Pro instrument and CT-90.1 kit to automate your procedure, reduce variability, and simplify operations.

- **Isolate mononuclear cells (MNC):** use density gradient medium to separate MNCs from other cells in blood such as granulocytes and red blood cells (RBC). Centrifugation creates a density gradient, thus allowing cell separation
- **Wash cells:** effectively remove reagents and debris, and resuspend your cells in fresh medium



**Fig 2.** Processing operations available in NeatCell C-Pro.



**Fig 1.** General workflow for cell therapy manufacturing. NeatCell C-Pro performs operations within the step highlighted in green.

## Key features

Experience the versatility of Sepax C-Pro system in its entirety: our comprehensive software pack comprises all Sepax C-Pro system application software.

Feature	Description
Initial volume	30 to 120 mL*
Initial hematocrit	0% to 60%; insert the value corresponding to the initial product to specifically adapt the procedure
Change resuspension solution	Add a pause to easily switch bag from washing to resuspension solution (applicable for a final volume of 45 mL)
Selectable final volume	8 to 20 mL ± 2 mL or 45 mL ± 5 mL
Average processing time	~ 75 min
Average MNC recovery	> 52% <sup>†</sup>
Average MNC viability	> 97% <sup>†</sup>
Average RBC depletion	> 99% <sup>†</sup>

\* For initial volumes greater than 120 mL, use PeriCell C-Pro or PlateletFree C-Pro to concentrate the initial product.

<sup>†</sup> Indication only. Performance depends on user/product configuration.

# Ordering information

<b>Product</b>	<b>Product code</b>
Sepax C-Pro applications software pack	29734656
<ul style="list-style-type: none"><li>Product is supplied as a USB drive containing the software installer.</li></ul>	

<b>Related products</b>	<b>Product code</b>
Sepax C-Pro cell processing instrument	29264741
CT-90.1 Sepax C-Pro cell processing kit	29264740
Ficoll-Paque PLUS (6 × 100 mL)	17144002
Ficoll-Paque PREMIUM (6 × 100 mL)	17544202

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