

**Color Mode:**

Color image files should be submitted in their original RGB color.

**Sizing:**

Prepare figures at the final publication size; less than the height of the page (9.4" / 24cm), and one of the following widths:

- 1 column wide (3.3" / 8.5cm)
- 1.5 columns wide (5.5" / 14cm)
- 2 columns wide (7" / 17.8cm)

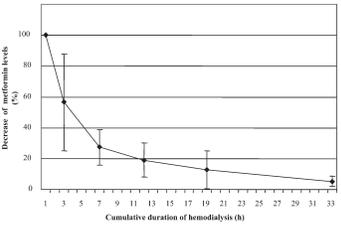
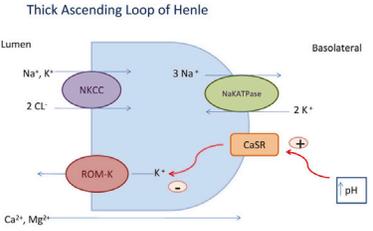
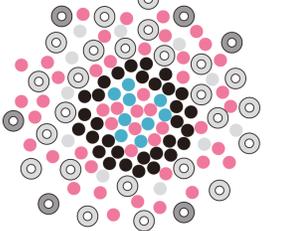
**Font Usage:**

Please use the same font for all figures in your manuscript, and use standard fonts such as Arial or Helvetica. If symbols are needed, please use one of the following: Symbol, Mathematical Pi, or European Pi. Keep the size of text consistent throughout the figure. Preferred text size is 6-10 points when the figure is properly sized to publication widths as above.

**Resolution and Pixel-Based Images (Raster):**

Low-resolution images are one of the leading causes of art resubmission and schedule delays. It is important that submitted raster images meet the minimum resolution requirements. Raster images can be classified as monochrome, halftone, or combination halftone.

- **Monochrome (1-bit) images:** Examples are graphs and charts made of solid black and white, with no gray values. The preferred resolution for this type of image is between 1000 and 1200 ppi at publication size.
- **Halftones:** Examples are color or grayscale figures containing pictures only, with no text or thin lines. The suggested minimum resolution for this type of image is 300 ppi at publication size.
- **Combination Halftones:** Examples are color or grayscale figures containing both halftone and line art /text elements. The preferred resolution for this type of image is between 600 and 900 ppi at publication size.

<b>Monochrome</b>	<b>Combination Halftones</b> (grayscale or color images with text and/or line-art)	<b>Halftones</b> (grayscale or color images with no text or line-art)
		
<b>1000 - 1200 ppi</b>	<b>600 - 900 ppi</b>	<b>300 ppi</b>

**Illustrator and eps Images (Vector):**

Vector images are generated using drawing or illustration programs (e.g., Adobe Illustrator / PowerPoint, etc.) and are composed of mathematically defined geometric shapes—lines, objects, and fills. Vector graphics are resolution independent and can be scaled to any size without quality loss, and are therefore preferable whenever possible.

**Microsoft Office:** Excel, and Word are acceptable formats. Please note: As of August 2022 nephSAP can no longer accept images/figures in PowerPoint (PPT) format.