## **Discription** (3DF) Image Viewer KEYBOARD SHORTCUTS

| OPERATION               | KEYBOARD SHORTCUT                             | ICON | OPERATION                     | KEYBOARD SHORTCUT                          |
|-------------------------|---|------|-------------------------------|--|
|                         | PRESET WINDOW/LEVEL                           | icon |                               | DRAW CONTOUR                               |
| CT windows              | f1 (1200, -500) Lung                          |      | Draw freehand                 | D  |
|                         | f2 (500 , 50 ) Soft                           |      | Draw polygone                 | P  |
|                         | f3 (500 , 200 ) Bone                          |      | Draw sphere                   | E  |
|                         | f4 (240 , 40 ) Liver                          |      | Click-VOI                     | V  |
|                         | f5 (80 , 40 ) Brain                           |      |                               | 2D BRUSH & TOOL SET                        |
|                         | f6 (350 , 90 ) Head and Neck                  |      | 2D brush                      | В  |
|                         | f7 (2000, -600) Enhanced Lung                 |      | Change 2D brush diameter      | Ctrl + Left Mouse Button Pressed Up/Down   |
|                         | f8 (350 , 50 ) Mediastinum                    |      | Knife                         | К  |
|                         | f9 is assign to 3 Windows\Level:              |      | Interpolate                   | Х  |
|                         | 1. First press (2000, 0) All                  |      |                               | VOI CONTOUR REVIEW                         |
|                         | 2. Second press (2500, 415 ) Vertebra         |      | Select for contour review     | Ctrl + S (with hovering over a ROI)        |
|                         | 3. Third press (1000, 350) Temporal Bone      |      | Show/Hide contours            | S  |
| NAVIGATION CONTROLS     |   |      | Add a freehand to a VOI       | tab  |
| Triangulate             | Т   |      | Previous VOI                  | , (<)                                      |
| Zoom                    | Middle Mouse Button Pressed Up/Down           |      | Delete VOI                    | delete                                     |
| Activate Zoom           | Z   |      | Next VOI                      | . (>)                                      |
| Pan                     | Right Mouse Button Pressed Left/Right/Up/Down |      | Increase VOI contours size    | Ctrl + +                                   |
| Activate Pan            | N   |      | Decrase VOI contours size     | Ctrl + -                                   |
| Fusion Alpha On/Off     | The 'F' key is assigned to 2 operations:      |      | ROI UTIL                      |  |
|                         | 1. First press shows the fused series         |      | Copy contour                  | Ctrl + C (with mouse over the ROI to copy) |
|                         | 2. Second press return to fusion              |      | Paste contour                 | Ctrl + V                                   |
|                         |   |      | Undo                          | Ctrl + Z                                   |
|                         | The 'G' key is assigned to 3 operations:      |      | VOI = Volume-of-interest      |  |
|                         | 1. First press shows the fused series         |      | ROI = Region-of-interest      |  |
|                         | 2. Second press shows the reference series    |      | DISPLAY OPTIONS               |  |
|                         | 3. Third press return to fusion               |      | Show/Hide crosshairs          | С  |
| Scroll                  | Shift + Left Mouse Button Pressed Up/Down     |      | Change crosshair type         | Shift + C                                  |
|                         | Mouse Scroll Wheel                            | _    | Show/Hide overlay text        | 0  |
| Zoom in                 | +   | ⊕,   | Invert color table            | U  |
| Zoom out                | -   | Q    | Bilinear Interpolation On/Off | ĮI   |
| Next slice              | <b>↑</b>                                      |      | VIEW PANEL                    |  |
| Previous slice          | ↓   |      | Show/Hide image panel         | Alt + I                                    |
| Rotate MIP left         | <del></del>                                   | 0    | Show/Hide kernel panel        | Alt + K                                    |
| Rotate MIP right        | <b>→</b>                                      | 0    | Show/Hide contour panel       | Alt + C                                    |
| Full Screen Enter/Exit  | Press Ctrl + F (while hovering over a view)   | *    | 1                             |  |
| ORIENTATION & FLIP      |   |      |                               |  |
| Flip Anterior/Posterior | W   |      |                               | CANCEL & RESET                             |
| Flip Left/Right         | L   |      | Cancel Operation              | Escape                                     |
| Flip Slices Order       | R   |      | Reset View                    | Space bar                                  |

ICON **(1) J**\$