

# bkFusion TP Steps Quick Guide

## Patient, Transducer, Preset Modifications

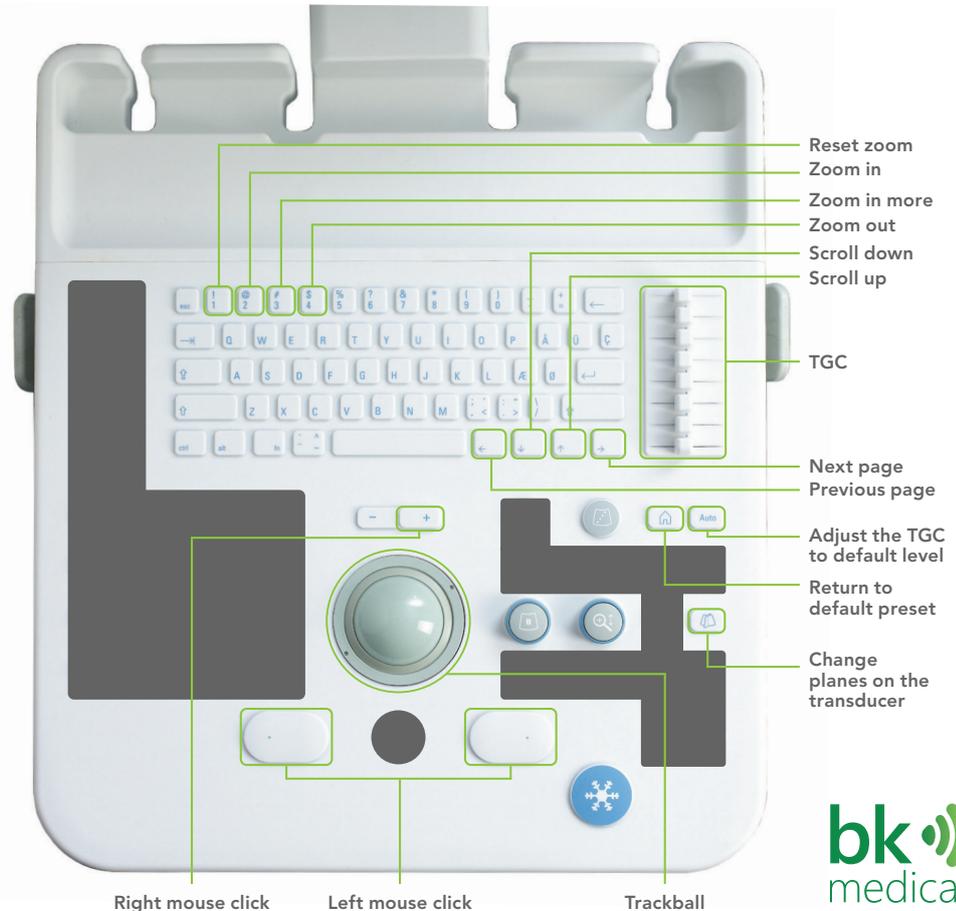
The top controls for altering exam information is inactive when using bkFusion. You will not be able to modify the following:

- ❌ Enter Patient ID
- ❌ Change Transducer
- ❌ Change Preset



If you have any issues or problems using bkFusion, please contact your BK Medical representative.

Keyboard functions with bkFusion for bk3000/bk5000



# Biopsy Steps for TP bkFusion on bk3000/bk5000

1 Calibrate the grid (use Prog. 1...7/A...G 5mm). Save programmable grid as the default.

2 **Scan the prostate in B-mode**

- Select the Prostate preset (S, M, or L) and appropriate grid (fusion tab will not appear if brachy pro package is used).
- Adjust the stepper so that the entire prostate can be scanned in transverse (base to apex).

3 Click the **Fusion** tab, click **TPBx**, enter **ID**, and click **Start Procedure**

4 Confirm the grid size. Click **Next**

5 **To Capture an Ultrasound Series**

- Check the stepper connection (green checkmark).
- Wait for contours to load.
- Use  to align contours with the prostate.
- In the reference window (the bottom image on the screen), align the contour as closely as possible with the live ultrasound image (to scroll through the contours in the reference window, move the cursor to the bottom image on the screen and use   on the keyboard).
- Click **Sync Stepper**.
- Go all the way to the base of the prostate and click **Auto Capture**. Turn the wheel of the stepper to cover all slices of the prostate from base to apex. Click **Auto Capture** again to finish.
- Click **Realignment** to fine tune position of contours. Contours can be adjusted left/right, up/down, and rotated.



- Use  on the right side of the image to confirm alignment.
- Click **Next**.

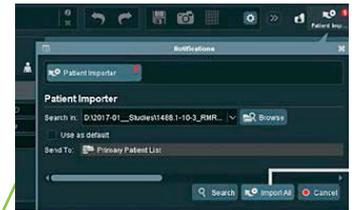
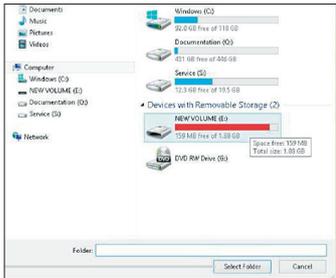
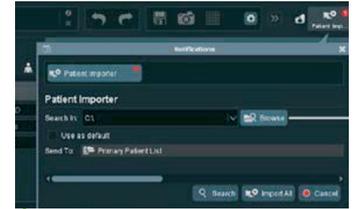
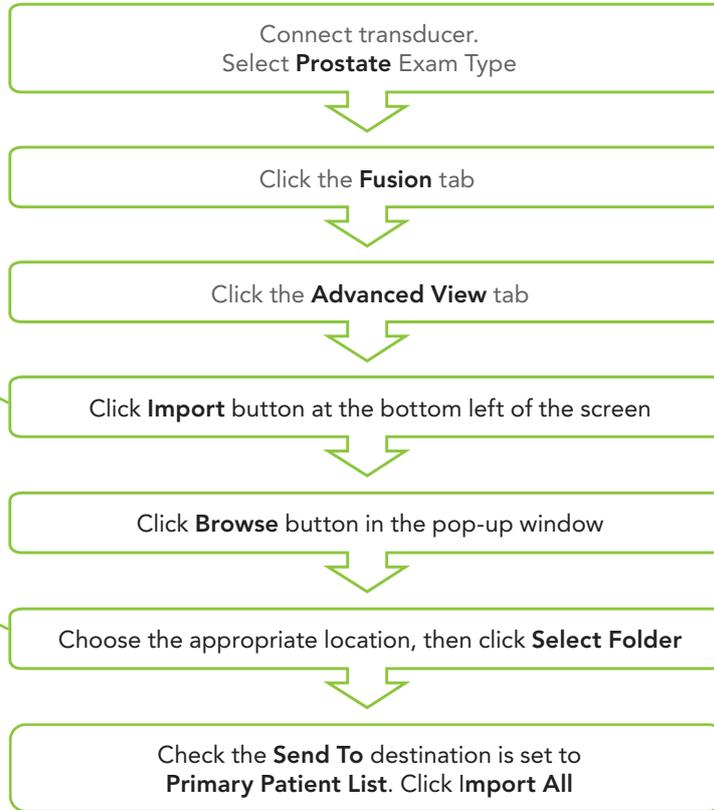
6 **Biopsy Sampling**

- Use the top button on the transducer or the  on the keyboard to switch to sagittal view.
- Turn the stepper wheel to bring the sagittal view of the prostate in full view.
- Click  if you need to adjust the contours.
- Move the cursor to the bottom image on the screen (captured volume in transverse view) and use   on the keyboard to scroll through all slices.
- When the lesion is visible in captured volume, move the cradle so that the red line goes through the desired grid-coordinates. Insert the needle in the coordinates on the grid, and take the biopsy.
- Move the cursor to the top of the image (sagittal view) and mark the core by clicking the Set/Select button.
- Repeat last three steps until all the desired biopsies are taken.

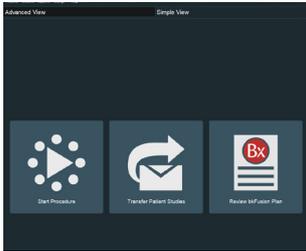
7 **Biopsy Results and Report**

- Click the **Save** button in the Biopsy Review box to save all data. Select your chosen destination and enter a description for the series.
- Click **Display Report** in the Biopsy Review.

# MRI data import from USB/CD Quick Guide



# MRI data import Quick Guide



Connect transducer. Select **Prostate** Exam Type

Click the **Fusion** tab

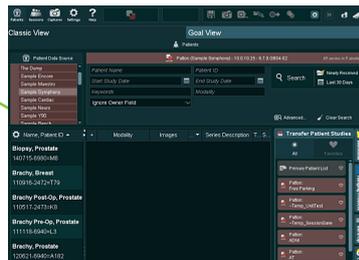
Click the **Advanced View** tab

## Requirements for MIMcloud

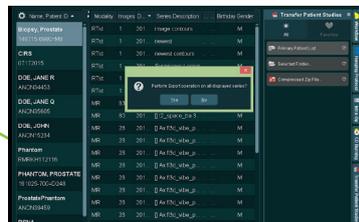
- A MIMcloud group has been configured for your site by MIM Software
- Users have MIMcloud accounts
- The BK Ultrasound system has Internet access

...from Remote Patient List

Click on the appropriate patient from the Remote Patient List.

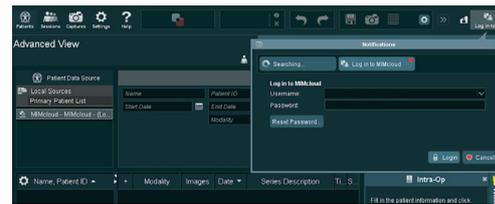


Click the **Transfer Patient Studies** tab, then double-click **Primary Patient List**. Click Yes when prompted by the pop-up window



...from MIM-Cloud (US Only)

Double-click the **MIM Cloud** on the left-hand side of the screen



Enter your login details in the pop-up window

Click on the appropriate patient in the MIM-cloud database

Click the **Transfer Patient Studies** tab, then double-click **Primary Patient List**. Click Yes when prompted by the pop-up window