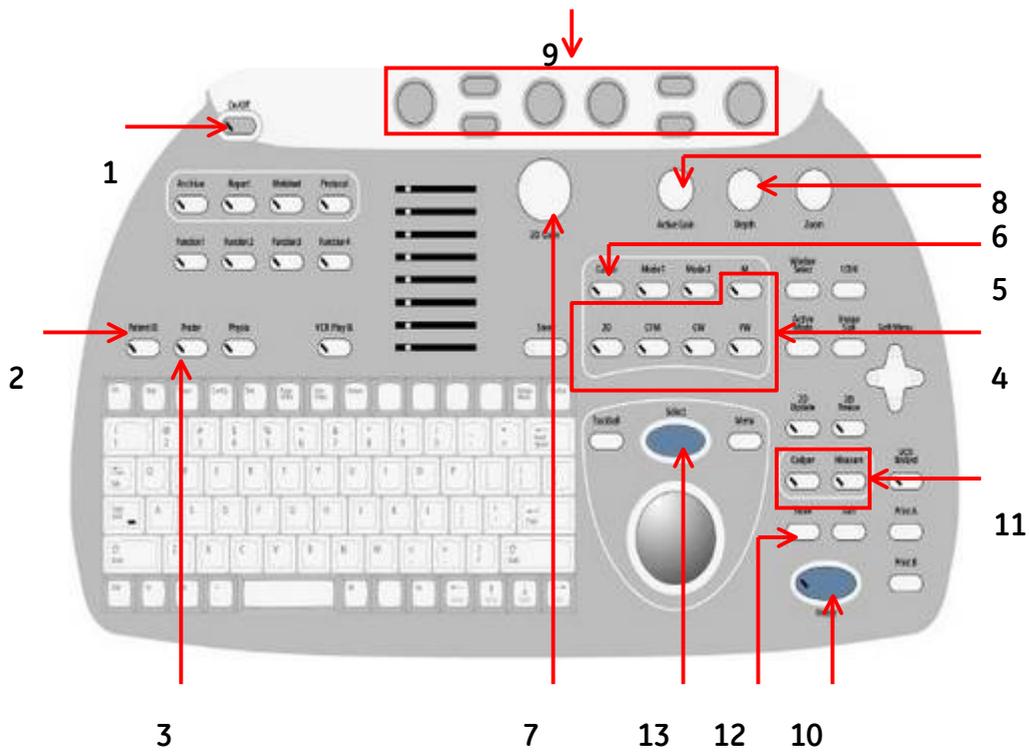


## Basic operation of a Vivid 3 An overview at a glance



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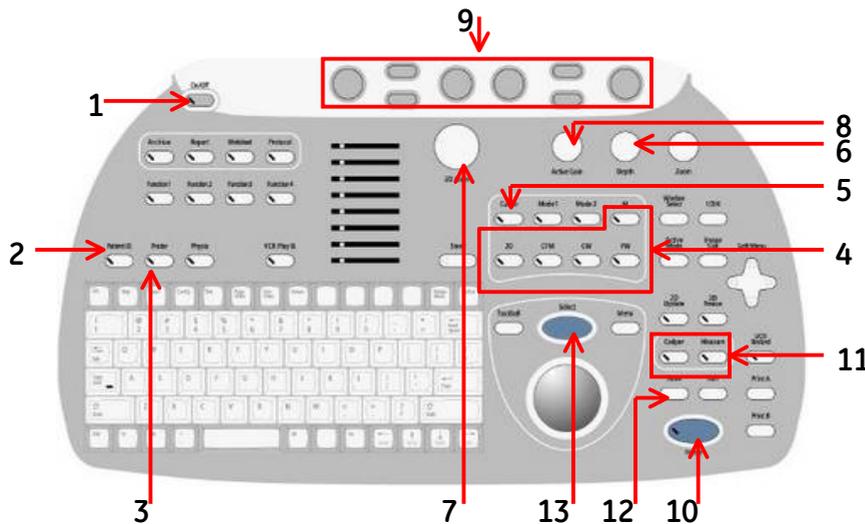
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### NOTE

This hand out is additional training material.  
For more information please refer to the user manual and/or reference manual.



Keyboard overview



1. On / Off
2. New / end examination
3. Probe selection
4. Div. Modalities
5. Cursor
6. Depth
7. 2D Gain
8. Active Mode Gain
9. Soft keys
10. Freeze
11. Measurement
12. Image store
13. Set button

**Switching on the system:** Press the **On/Off button (1)** until you see the illumination of the keyboard

**Start a new examination:** Press the **Patient ID (2)** button

- **The patient is new:** select **Start new Patient** - enter the patient data - press **Begin Exam (9)** OR
- **Patient already exists:** select **Search** - enter searchcriteria - select patient from the list - press **New Exam (9)** - review Patient data and press **Ok (9)**

**Select the probe:** Press the **Probe (3)** button- on the screen: select the probe with a preset of need

**Image optimization:**

2D image      **Depth (6) –Gain (7) - TGC –Sector width (9) –Frequency (9) - Focus position (9)**  
M-Mode      press **Cursor (5)** - position the line on the right place - press the **M-Mode (4)** button  
**Gain (8) - Horizontal sweep (9)**  
 Press the **2D (4)** button to go back to normal 2D imaging

Color flow      while in the 2D press the **CFM (4)** button  
 move ROI with the trackball – change ROI size by pressing **Select (13)** and use trackball **Gain (8)**

Doppler      press **Cursor (5)**- position the line on the right place – add **PW/CW- Doppler (4)**  
**Gain (8) – Baseline (9) – Scale (9) - Horiz. Sweep (9)**  
 Press the **2D** button **(4)** to go back to normal 2D imaging

**Image storage**

Loop      while the image is running press the image **Store (12)** button  
 EITHER the loop is stored automatically OR  
 see the loop running on the screen and decide if it fits. If yes press the **Store (12)** button again. If not press the **Freeze (10)** button and start scanning again

Still frame      press the **Freeze (10)** button to stop the image, scroll with the trackball to select an image and press the **Store (12)** button

**Measurements:** press the **Freeze (10)** button- scroll with the trackball if needed - press **Caliper (11)** for basic measurements or use **Measurements (11)** for the packages