



15 STEPS TO LCM *ON THE PIXCELL II SYSTEM*

1. Joystick perpendicular to the table.
2. Position slide using fingers until work area is found.
3. When work area is located, apply vacuum (Controller).
4. Load CapSure or HS caps into dovetail assembly (right side of microscope).
5. Pick up a cap and move it to the work area on the slide.
6. Turn laser key on (Controller).
7. Push "laser enable" button (Controller).
8. Locate laser spot on screen.
9. Push lever (on left side of microscope) to small spot size, and focus beam to bright, well-defined spot (at 10x).
10. Test fire laser and observe melted plastic ring(s). Adjust settings as needed to achieve melting. For typical settings of "Power" and "Duration" for each spot size, see below.
11. Locate cells to be dissected and fire laser.
12. When complete, view captured cells on cap.
13. Move cap to the capping station and transfer to micro-centrifuge tube, or use ExtracSure device with HS caps.
14. Proceed with downstream analysis.
15. When in doubt, read the manual or call your Sales Rep. John Trumbull at 847-726-0382, or your Technical Support Specialist, Ashi, at 1-888-446-7911 ext. 310, or your Service Manager, Don Armstrong, at ext. 380.

<u>CapSure HS</u>	<u>LASER SPOT SIZE</u>	<u>POWER</u>	<u>DURATION</u>
	small (7.5um)	65 - 75mW	650 - 750us
	medium (15um)	35 - 45mW	2.50 - 3.0ms
	large (30um)	45 - 55mW	6.0 - 7.0ms
<u>CapSure</u>	small (7.5um)	40 - 50mW	550 - 650us
	medium (15um)	30 - 40mW	1.5 - 2.0ms
	large (30um)	25 - 35mW	5.0 - 6.0ms