

OSLD Client Process

CAMP supports an in-vivo dosimetry program utilizing a BeO OSLD chip system in order efficiently deliver consistently reliable results for patient care. CAMP has determined that OSLDs are appropriate for nearly all in-vivo cases but also supports a TLD program. Please inquire if you suspect TLDs might be appropriate for a specific circumstance. Please use the following process to order OSLDs and obtain reading results:

1. Order OSLDs by emailing OSLDs@campphysics.com the following information:
 - a. Facility name
 - b. Contact name & e-mail address (if different than the sender)
 - c. Number of OSLDs requested (order in bulk to have on hand – minimum 10 per order)
 - d. Shipping address
 - e. Additional billing information as necessary: OSLDs will be invoiced upon order
2. OSLDs will arrive contained in plastic bags and will have serial numbers on them. For convenience, you may reference the serial number in the OSLD read request email to correlate the specific OSLD with the anatomical site and dose.
3. OSLDs have been validated for use for photon and electron treatments of modalities typically offered on a standard C-Arm linear accelerator. Please inquire before use in other systems such as imaging, superficial, or brachytherapy as it may not be appropriate use.
4. Non-linear behavior is observed above 8 Gy based on our testing. If measurements are required above 7 Gy please inquire before use as TLDs may be a more appropriate solution.
5. **Please do not remove the OSLDs from the bags they arrive in prior to treatment.** These bags are used to keep the OSLDs sanitary and should be used during the treatment when in contact with the patient. The OSLDs may then be returned in the bags. Please do not place an unsealed OSLD directly on a patient.
6. Irradiate OSLD(s), documenting internally which SN was used for which patient anatomical location. **Please do not include PHI when communicating with CAMP.**
7. Ship dosimeters to the following address for analysis. We recommend using either FedEx or UPS for shipping as USPS has been less reliable in our experience.

CAMP Physics
Attn: Radiation Oncology OSLDs
2316 N. Wahsatch Ave. #271
Colorado Springs, CO 80907
8. Notify OSLDs@campphysics.com and include the following information:
 - a. Contact person (and facility name if not implied)
 - b. Number of OSLD's being shipped and SN for each OSLD
 - c. Anticipated Dose per OSLD
 - d. Shipping information to include a tracking number
 - e. Turnaround time: "standard" [48 hours] or "quick" [24 hours]; (excludes weekends, from the time OSLDs and email communication are both received)
9. Results will be e-mailed to contact specified in e-mail notification.