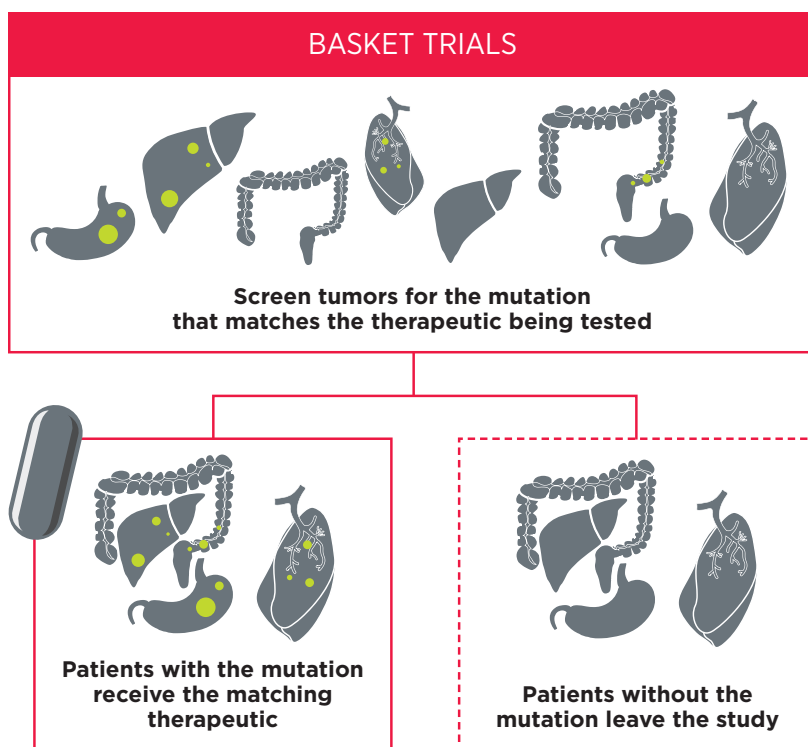


FIGURE 9

MASTERING CLINICAL TRIAL DESIGN



trial. Basket trials are one type of master protocol clinical trial. In the basket trial depicted here, one drug is being tested against a particular genetic mutation (green dots) across liver, lung, colon, and stomach cancers. This approach allows the clinical testing of new anticancer therapeutics to be streamlined because the therapeutic is matched with the right patients at the start of the trial. This precision approach reduces the number of patients who need to be enrolled in the trial before it is determined whether or not the anticancer therapeutic being evaluated is safe and effective, and/or decreases the length of time it takes for a new anticancer therapeutic to be tested and made available to patients if the trial shows it is safe and effective.

Recent advances in our understanding of cancer biology have led to new ways of designing and conducting clinical trials. One of the new approaches is to use a master protocol to answer multiple questions within a single overall clinical

Adapted from (109)