Pre-Set Syringe
Ensure needle is securely tightened. The syringe fills to pre-set plunger position. Blood sample size should be as small as technically feasible.**

Remove Needle Sheath
Pull sheath straight off as to not cause damage to the needle bevel. The needle protection system is always oriented with the bevel side-up on the needle for easy identification.

Prepare Arterial Puncture Site and Draw Sample
Perform procedure per hospital protocol. Notice the clear needle hub for instant visualization of the arterial “flash”.

Withdraw needle from artery
Remove needle from artery once sample is collected and apply firm pressure to puncture site for a minimum of 5 minutes (ensure bleeding has stopped before removing pressure). While applying pressure engage the needle protection device using one of the techniques listed below:

Three One-Handed Techniques Available to Engage Crickett Needle Protection System

Firm Surface
Use flat firm surface, gently push down on safety device until it engages.

Thumb
Push safety device with thumb using a forward motion until it engages.

Forefinger
Push safety device with forefinger using a forward motion until it engages.

Closed Position
Once Safety device is engaged, twist device off and discard in biohazard container.

Cap and Mix Sample
Once sample is capped, mix sample thoroughly for 20-30 seconds. Syringe can safely be used to measure Ionized Ca and Mg***.

*Includes a Magellan™ Needle Protection Device of Tyco HealthCare.
**The AARC Clinical Practice Guidelines and National Committee for Clinical Laboratory Standards (NCCLS) state that sample size should be as small as “technically feasible”.
***3ml syringe contains 50 units and 1ml syringe contains 25 units of powdered balanced lithium zinc heparin safe for electrolyte measurement.