This article provides an overview of this subject area. It includes case studies where the Pulsator Plus Arterial Blood Gas Syringe (Smiths Medical) was used to safely and effectively collect blood samples for analysis” Hill and Moore (2018).

Abstract:
Taking arterial blood gases (ABG) is an essential part of the diagnosis and management of critically ill patients. An arterial blood sample is collected from an artery, primarily to determine the ABGs. Health professionals should only undertake this if the procedure is in the legal scope of practice for their profession in their country, and they have demonstrated skilled, proficient, safe practice after formal training. Blood samples can be obtained via an arterial catheter inserted into an artery or percutaneously by using a needle to directly puncture into the artery. This article provides an overview of this subject area. It includes case studies where the Pulsator Plus Arterial Blood Gas Syringe (Smiths Medical) was used to safely and effectively collect blood samples for analysis.

Reference: