



Protocol for Out-of-Range Spirometer Notification

- Renova representative calls the patient or caregiver and obtains patient status
- If the patient confirms a measurement of **(alert threshold PEF per PCP)**, ask the patient/assess if any of these symptoms are present: new or worsening shortness of breath, fast heartbeat, confusion, agitation, sleepiness, new or worsening bluish color in skin, fingernails, and lips
- For a measurement the patient says is **inaccurate or a mistake**: ask the patient to retake the spirometry measurement and clarify the circumstances that led to the notification
- If patient confirms **(alert threshold PEF per PCP)**:
 - If the symptoms listed above are present:
 - Advise patient to call 911; if not able or refuses, Renova to call 911
 - Renova representative will call PCP's office for any further action
 - Renova representative will inform Renova Team Leader and the Home Health LVN/Care Team if applicable
 - If the symptoms listed above are not present:
 - Ask patient to retake spirometry measurement
 - Gather data about recent stressful events, whether medication is being taken as prescribed, whether any new medications have been started recently, change in sleep patterns, changes in air quality/environment, and if there are any new physical symptoms
 - Call PCP's office, describe patient status; PCP will determine next steps
 - Make plan for Renova to call the patient the next business day and reassess, or if Renova is not in the office the following day, advise the patient to call the PCP office if concerned
 - Renova representative will inform the Home Health LVN/Care Team if applicable
 - Document episode in EHR
- If patient confirms **(alert threshold PEF per PCP)**:
 - If significantly different from patient's usual baseline:
 - Gather data about recent stressful events, whether medication is being taken as prescribed, whether any new medications have been started recently, change in sleep patterns, changes in air quality/environment, and if there are any new physical symptoms
 - Call PCP's office, describe patient status; PCP will determine next steps
 - Make plan for Renova to call the patient the next business day and reassess, or if Renova is not in the office the following day, advise the patient to call the PCP office if concerned
 - If patient confirms spirometry measurement is at patient's baseline:
 - Reinforce proper technique and/or address the source of the inaccurate data recording
 - Renova representative will inform the Home Health LVN/Care Team if applicable
 - Document episode in EHR
- If patient **does not answer**:
 - Leave a message
 - Call Emergency contact(s) and leave message as needed
 - Call PCP's office to inform of patient status, who will determine next steps
 - Inform Renova Team Leader and Home Health LVN/Care Team if applicable
 - Document episode in EHR