

Q: How can we ensure continuous bubbling at the CPAP generator?**A:** Lack of bubbling in the CPAP generator is caused by pressure leaks from:

- circuit connections and/or
- the baby

To determine whether “circuit problem” or “baby problem”, remove the prongs from the nose and occlude them with gloved fingers. If the system doesn’t bubble, it means the problem is with the circuit. Check the entire circuit connection beginning from the wall to the CPAP generator and tighten all fittings as you go along. If the system does bubble while occluding the prongs, then the pressure leak is occurring within the nares or via an open mouth. A correct prong size and an effective chin strap will help prevent the leak.

A regular check on the following list will ensure proper set up and system function:

1. flow meter setting
2. pressure manifold connections/flow driver connection
3. inspiratory limb/expiratory limb connections
4. condensation/rain out in circuit
5. CPAP probe level
6. water level at the generator
7. position of nasal prongs/mask

