

Subject : Apgar timer battery leakages.
Date : Fri, 11 Aug 2006 10:02:00 +0100
Linked to : Peter Anderson
From : SHARD (Steve Hardaker) <GoldMine User>
To : PETER (Peter Anderson) <GoldMine User>
Cc : SNIXON (Steve Nixon) <GoldMine User>; JSLAMB (John Lamb) <GoldMine User>

Dear all,

We have had a problem with batteries leaking in some of the Apgar timers that we supplied to Russels Hall.

Peter suggests that they have become exhausted whilst in storage and subsequently leaked. These batteries are of the same batch and carry the same date stamp as the ones in the warehouse, which are stored in bags (with, but not inside) the instruments and none of those have leaked. All the batteries are dated up to March 2012.

I asked Keith Taylor to check the batteries in the demo Apgar timer in his possession, those are also leaking. We know the history of the demo unit; it has not been exposed to liquids of any kind, and in contrast to the ones in service at Russels Hall, it has not been in storage. The unit has been running continuously, in effect it has simulated being in service in a hospital, performing the function it was designed for, yet the batteries have still leaked.

Is a battery more prone to leaking if exhausted, or could the electronic circuitry of the timer be adversely affecting the batteries?

Has anybody any thoughts on this?

Steve H

*Delivered 18 months ago -
Estimated life in 12mth*