

## Case Study: pPhoenix XL

### Client

Southeastern Renal Dialysis, L.C. (507 S White Mt. Pleasant, IA 52641)

<http://www.srdlc.org>

*Courtesy of Doug Conrad*

### Background

Southeastern Renal Dialysis, L.C. grew out of a community's commitment to help a local teenager get the hemodialysis treatments he so desperately needed, in 1969. With funds raised by the community, Henry County Health Center in Mount Pleasant, Iowa, grew the renal dialysis unit to almost 200 patients, hailing from southeast Iowa, northern Missouri, and western Illinois.



In 1997, Southeastern Renal Dialysis began a corporation consisting of four health centers and hospitals to serve the growing number of patients throughout the area. They strive to provide renal dialysis services in a manner that achieves clinical excellence and patient satisfaction. The staff members at Southeastern Renal Dialysis work with their patients to educate and allow for informed decisions. This allows patients to actively participate in their own health care.

### The Challenge

Southeastern Renal Dialysis uses the new pPhoenix XL digital dialysate meter to measure conductivity, temperature and pH. When performing measurement, the dialysate cannot be expelled back into the dialysis machine. The technician must connect, pull, disconnect, expel, reconnect, and repeat anywhere from 6 to 10 times to get an accurate reading. This becomes a very lengthy process which requires large quantities of solution.

### The Solution

The new pPhoenix XL is compact in size and offers once-touch calibration buttons and an easy to follow calibration guide. It is meant to save time by allowing samples to be gathered directly from a sample port on the dialysis machine. The first step in addressing Southeastern Renal Dialysis' concern was to ensure the dialysate meter was in good working order and ensure they could calibrate the device properly. Next, Mesa provided the customer with sample cups to alter the current process of connecting to the machine, pulling, disconnecting, and expelling. By utilizing the sample cups, the technician could obtain the proper measurements without expelling back into the machine, thus saving on dialysate and time, and preventing contamination.



*Mesa is committed to finding solutions for our customers that make their lives easier and more efficient. We learn together, as partners.*