



## Daavlin Launches New Website

On May 1st Daavlin was pleased to unveil its new web site. We retained much of the same content but the style has been updated and the underlying architecture changed so that it is easier for search engines to "crawl" all of the content on our site. We have also added a "contact us" form on every page that makes it easy for even the most casual visitor to reach us. On the first day that the new site was on-line, we received triple the number of contacts as usual.

The new site will also make it easier for us to add videos and locked areas accessible only by password. Such areas might contain operating manuals or other sensitive information that you could easily access but which would not be generally available to others.



We also encourage you to send us a synopsis of your company which we can add to the site. We can also link to your website and will entertain any ideas that you may have for new or improved content. Some parts of our site

have been translated into different languages. If you would like this service, please contact us so that we can determine the best format in which to send us the translated material.

## Daavlin Device Used to Treat Rare Disorder

Crigler-Najjar Syndrome is a rare hereditary disorder that prevents the proper metabolism of bilirubin. Left untreated, the resulting high blood levels of unconjugated bilirubin invariably cause increasing mental impairment and death. Excluding liver transplantation, the only effective treatment for Crigler-Najjar is full-body phototherapy with special blue lamps, which often takes up to 18 hours a day.

Although this condition affects less than one person in a million, Daavlin recently developed a high power, portable bilirubin device, which uses our extensive experience in ultraviolet phototherapy and research equipment design. This machine is lighter and higher in power output, and consequentially allows safe and fast treatments of Crigler-najjar and other similar bilirubin disorders in adult

patients. Daavlin is particularly proud that the first of these devices was sold internationally.

# Crigler-Najjar Syndrome

# New Product Announcement - 4 Series

At the winter AAD in New Orleans we introduced the new Daavlin 4 Series. This is a larger version of the 1 Series which was introduced about a year ago. The 4 Series is 125 centimeters in height, and 46 centimeters in width and is manufactured using a durable, UV resistant plastic case and an acrylic lamp cover. The device is available with a complement of 5, 10 or 20 PLL 36 watt lamps. The lamp type can be your choice of UVA, UVA1, BBUVB or NBUVB. In the visible range of light, we can manufacture the device with blue lights peaking at 403 nm or 450 nm for use in PDT, acne or other visible light responsive disorders.

Use of the PLL 36 lamp type technology offers significant advantages in terms of power output and the elimination of "dead spots" at the ends of the lamp. The energy output is nearly twice that emitted by standard two foot fluorescent lamps.



The photograph to the right shows how the lamp is actually two lamps in one which effectively delivers the power output and efficiency of a lamp twice the size but in a compact space. It also means that the output at the end of the lamp does not have a

power drop off which is a characteristic of standard fluorescent lamps. By alternating the position of the lamp socket from side to side with every other lamp, we significantly reduce low power output spots at the edges of the treatment area. This means that the output of the entire treatment area is uniform and usable.

The 4 Series has an industry first feature which is an ISO standard VESA mounting pattern on its rear panel. This means that the device can be mounted to a wall using standard television mounting devices that are now available from Daavlin.

Contact us for more information on this useful new device.



## Personality Profile: Sara Von Deylen

Sara Von Deylen is a 2007 graduate of Bowling Green State University with a Bachelor's Degree in Arts & Communication. She joined the Daavlin team in 2008 as the Sales Assistant in the International division. She is responsible for handling sales orders, registration documents for all countries, overseas company projects, as well as social media networks. Outside of work, Sara enjoys playing tennis, singing on her church's Praise Team, and spending time with her friends and family at the lake.



## Greater Patient Data Security

In the United States, the privacy of patients' personal information is subject to law, commonly called the HIPAA laws. Because the Smart Touch™ screen could be viewed by unauthorized personnel if it was left unattended during a treatment, Daavlin has addressed this issue with a modification to Smart Touch™ software, version 3.2.1. This version of the software has a button that hides the contents of the screen when pressed by the operator. To reverse the process and enable the operator to continue monitoring the screen, the operator's password must be entered.

Also, when backing up Smart Touch patient information, the data is sometimes "transported" by portable storage media such as a flash drive or email. This of course allows for the possibility that the portable media could be lost or fall into unauthorized hands. Starting shortly, a newly enhanced system using state of the art encryption will be used to ensure that all patient data is completely secure before it is transmitted outside the Smart Touch system.

