NuSil presents

Designing with Silicone

The Solution to Your Medical Device Challenges

Agenda

8:30 am	**Arrivals and refreshments**
9:00 am	**Introduction**
9:15 am	**Silicone 101**
	We'll start with a general understanding of silicone and outline the differences to other material chemistries, followed by a more detailed explanation of silicone properties in relation to the function of the material.
9:45 am	Break
10:00 am	**Overview of Silicone Fabrication Methods**
	Silicone fabrication can be accomplished using a variety of methods. You will learn which fabrication method and material choice will best create your desired design and function.
12:00 pm	Lunch *(included)*
1:00 pm	**Using Silicones for Assembly**
	With the component materials and manufacturing method chosen, we will explore the best silicone options to fully assemble your device; from getting the best adhesion, to lubricating those moving and sliding parts and reducing friction, to decorating or branding the device with marking inks or by using colored silicones.
2:00 pm	Break
2:15 pm	**Silicone Solutions for Medical Device Trends**
	The increasing and evolving demands from cutting edge technologies are constantly challenging the performance capabilities of existing materials. For example, the convergence of the medical device, electronics and drug delivery industries calls for new materials that need to meet new functional and performance expectations. As smart devices and novel sensor technologies are on the rise, silicones play an important role in supporting these technology advances.
2:45 pm	**Closing**
3:00 pm	**1:1 meetings with NuSil experts**
4:30 pm	End of Seminar