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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health



National Institutes of Health Commercialization Assistance Program
(NIH-CAP)

Company Profile

Industry Sector:

Medical devices, reprocessing, dialysis, endoscopy

Company Overview:

Medical device company with paradigm shifting cleaning technology for narrow passageways

Target Market(s):

Dialysis
Endoscopy
Cleaning, disinfection, and cold sterilization
Membranes, microfluidics, bioprocessing, clean-in-place, UHP water systems
Biofilm prevention and removal

Key Value Drivers

Technology*:

Two phase cleaning to reuse hemodialyzers (also called dialysis membranes, dialyzer reprocessing, clearance recovery, hemodialysis)

Competitive Advantage:

Orders of magnitude better cleaning, volume and clearance recovery
Can easily reuse dialysis membranes up to 20-40 times
Can get the benefit of single use dialyzers at the price of reused membranes

Plan & Strategy:

Organic growth of sales starting regionally and branching out into major U.S. centers

Management

Leadership:

Dr. Mohamed E. Labib, CEO
Ernie Elgin, COO
Dr. Charles Brumlik, CTO
Frank Joworisak, CFO

Product Development

2008

Prepare sales and marketing timeline, budget, and materials
FDA submission
Start sales of:

ClearFlux cleaning instrument
Cleaning solutions
Disinfection solutions

