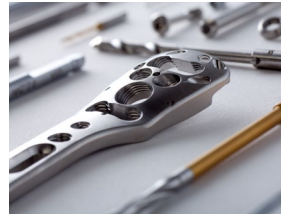
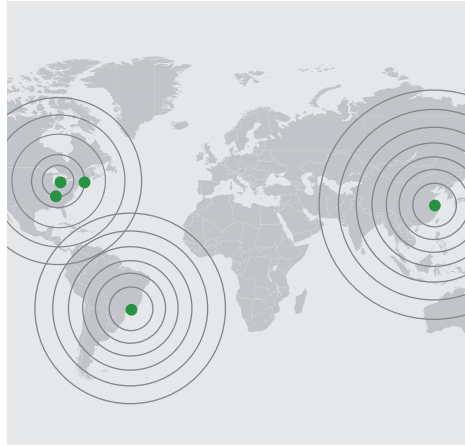


CASE STUDY:

PROCESS IMPROVEMENT / COST
REDUCTION / SPEED TO MARKET



COMPONENT

Phacoemulsification
Handpiece

CHALLENGE

Independently develop
and share value-added
process solutions with an
established customer in
order to obtain a better
price position by improving
the value stream.

AUTOCAM MEDICAL'S SOLUTION

In order to assist an established OEM customer with market pricing pressures, Autocam Medical's Process Improvement Team (PIT), comprised of engineering and manufacturing, proposed as solutions:

- Combine two-parts-into-one, which would eliminate electron beam weld of these two parts
- Eliminate one heat treat operation
- Eliminate a costly custom fabricated filler used in a laser weld process

Originally, this Surgical Handpiece design required machining of two pieces, a second process of electron beam welding which was followed by a heat treating process to complete this component before advancing to the assembly of a laser welded irrigation component. Autocam leveraged its expertise in machining and custom tool design and fabrication, which allowed the suggestion for a one-piece design and the elimination of the laser welding of the irrigation component in assembly. Autocam Medical worked concurrently with the customer's engineers to implement the improved design which benefited with lead times and allowed a 6% price reduction.

BENEFIT TO THE CUSTOMER

OEM could received their Surgical Handpieces with reduced overall leadtimes by several weeks with a 6% cost reduction allowing them to be more competitive in the marketplace.

PROCESSES

CNC Lathe, Heat Treating, Laser Welding and Finishing Processes

autocam
medical

ONE PLATFORM • ONE APPROACH • ONE TEAM

autocam-medical.com | 877.633.8080

MICHIGAN | MASSACHUSETTS | TENNESSEE | BRAZIL | CHINA