

MEDICAL APPLICATIONS

INTA Technologies Corporation
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INTA Technologies Corporation is involved heavily in medical applications. Services for medical related companies include plating, metalizing, ceramic to metal sealing services, brazing and in depth research and development projects.

Services

- **Copper** plating components of a Blood Analysis Unit for a clinical diagnostic products company.
- **Gold** plating for ultrasound catheter imaging systems for use in hospitals.
- **Gold** plating of ceramics and ceramic composites for an ultrasound manufacturer.
- **Platinum** and **Palladium** plating for analytical instrument components including temperature sensors and other process control instruments.
- Plating on talc filled epoxies.
- **Gold** plating for angioplasty systems.
- **Gold** plating on implanted medical components

Other services include various other types of plating including Rhodium, Silver and Nickel (electro and electroless) onto ceramics, metals, epoxies and composites.

Research and Development

Our research and development efforts have encapsulated a broad spectrum of technology including:

- R&D to develop a method for plating on Polyamide for use in microphones channeled through the ID of needles through the blood.
- Development of a UV cured gasket material for a large local medical firm.
- Improvement of a re-circulation pump for fluids.
- Development of spectral discrimination equipment for diagnostic determination of organ deterioration (NIH) based on U.S. Patent #4,737,628.
- R&D and production of in-vive medical devices encapsulating copper electrode traces with Palladium and Gold.
- Surgical knife employing Si_3N_4 with metalized printed circuits having gap electrodes for plasma are cutting and cauterizing.

Our expert and friendly staff is available to assist you in meeting all demanding requirements. Please contact us today.