



**Medical and Biotech Developments, Inc.**  
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## [Engineering and Business Services](#)

**Medical and Biotech Developments, Inc.** is a company with decades of experience in all phases of bringing medical and biotech products from conception into reality.

**Technology Related Services** - Specialists research technologies, engineer new products, start-up production, troubleshoot technical problems, and assist with regulatory compliance/submissions.

**Business Related Services** - Specialists provide market research, product redevelopment, strategic brainstorming, license negotiation, entrepreneurial guidance, and aggressive business development.

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- **Brainstorming** strategies, concepts, inventions, and problems solving
  - **Engineering** from disposables to microprocessor controlled systems
  - **Applying** tried and true, state-of-the-art, or created patentable designs
  - **Optimizing** niche technologies e.g. MEMS, optical interfaces, and mat'l science
  - **Project Management** including plans, budgets, millstones, staffing
  - **Set-up Manufacturing** by outsourcing or creating in-house production
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### **Markets Serviced:**

#### **Biotech**

BioTech systems worked on are in use by researchers, clinicians, educators, and others using separation sciences. These have included assays both quantitative and qualitative, simple devices used by consumers, numerous hand held instruments, hi through-put automated instruments for drug screening, lab-on-a-chip consumables, optical scanning systems, DNA synthesis capital equipment, and robotic modules for clinical diagnostic labs. Technologies used include electrophoresis (automated, capillary, vertical, mini, horizontal, precast, and preparative), HPLC, miniaturized genetic analysis on microchips, blotting, molecular biology separations, microtiter plate washer, low pressure chromatography, gel dryers, pipette tip rack, lab supplies.

#### **Medical**

Medical products worked on are in use by a wide variety of doctors, dentists, surgeons, researchers, medical/hospital support personnel, and clinical technicians. Products developed include catheters, hemodialyzers, dialysate delivery systems, blood tubing sets, anesthesia administration, respiratory care, oxygenators, wearable EKG electrodes, inexpensive medical supplies, blood clotting timer, heart assist device, minimal invasive surgical instruments, organ preservation, ophthalmic devices, flow cytometers, and hematology automation systems.

#### **Other Markets Served**

Often our technology and expertise adapts well to other industries. If you have a requirement for the agriculture, semiconductor test, environmental, transportation or education area, please contact us as we may be able to help.

**[www.4mbd.com](http://www.4mbd.com)**