

## Medical Devices



**For companies involved in the medical device field, protection for technological developments is critical.**

Medical devices, such as those used for diagnosis and treatment, often involve a multifaceted approach spanning a number of scientific, medical, and engineering disciplines.

Our firm's practice in this area extends to the protection of innovations in a broad range of fields, including the following:

- Cardiovascular devices, including stents, catheters, pacemakers, and blood pressure cuffs
- Cosmetic surgery, such as dental devices used by orthodontists
- Devices for treatment, such as dialysis for the treatment of kidney failure
- Disposable products, such as syringes, tubing, and multiport fluid access devices
- Material science, such as surgical screws
- Minimally invasive devices, such as endoscopic devices and implants
- Optical devices
- Orthopedics, such as knee and hip replacements, prosthetics, spine devices, and braces
- Patient monitoring systems, including pulse monitors for fingertips and EKG leads
- Radiation therapy devices, such as particle accelerators and proton irradiation systems
- Robotics for medical procedures

Our attorneys practicing in these fields have experience in the health care industry and grasp the complexity of these inventions and the highly competitive business environment in which they are developed. They hold degrees in electrical, mechanical, biomedical, and chemical engineering, as well as chemistry and physics. Our educational and work backgrounds enable us to communicate with our clients efficiently and to understand their goals. Therefore, Hamilton Brook Smith Reynolds can obtain effective long-term protection for our clients, both domestically and around the world.