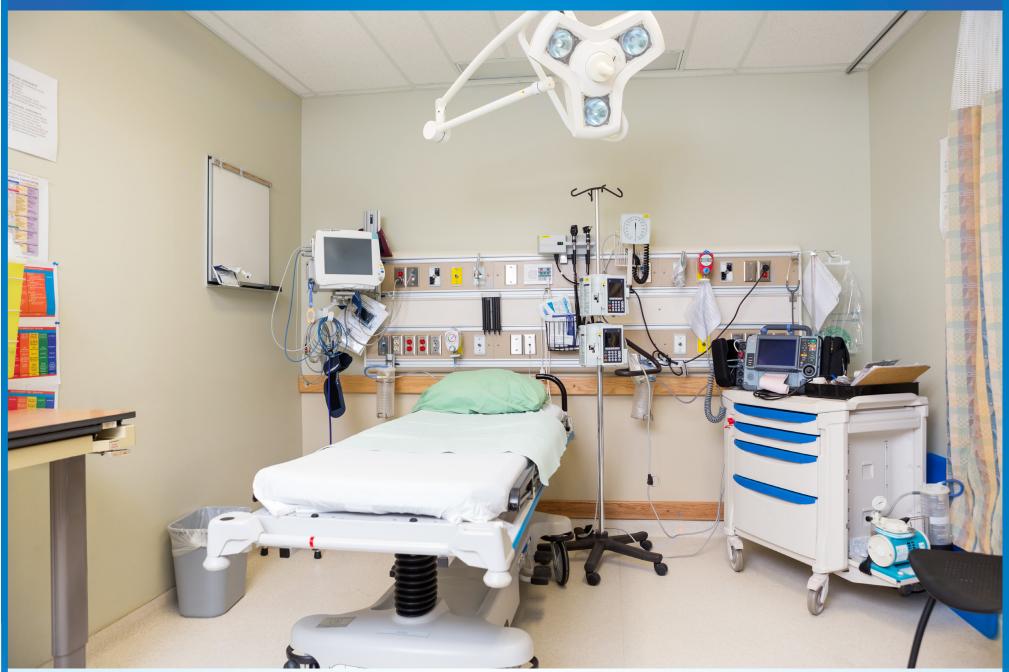
Advanced Plastics in Modern Medicine: Only Possible with Hydraulic Fracturing Improving Lives, Saving Lives



Americans often take for granted the thousands of products made from oil and natural gas that they use every day, from lightweight automobile parts and paint to food packaging and performance clothing. These important consumer items can only be made by processing crude oil and natural gas, using chemical treatments and technologies to make each product. The same goes for the hundreds of petroleum-derived items used by health care providers, from simple items such as band-aids and latex gloves, to complex heart valves and artificial joints. More than 90 items made possible through the processing of oil and natural gas into advanced plastics and synthetic rubber are shown in this photo of a typical emergency room.

Items in a typical emergency room

Blood pressure cuff Blood pressure cuff tubing Chair Code cart/wheels EKG Leads EKG wire covers End-Tidal carbon dioxide cable Fluorescent light covers Infectious waste container IV Pole wheels and hook IV pump IV pump power cord Laminated charts Monitor/cables Nasal canula Ophthalmoscope Otoscope Ottoscope covers

Overhead lamp/bulbs Oxygen saturation finger probe Oxygen wall to tubing adapter Patient education packets Plastic patient belonging bag Plastic slip cover for mattress Plastic-lined pillows Stethoscope label Stethoscope tubing Suction canister Suction tubing Thermometer Thermometer probe covers Trash bag Trash can Wall oxygen dial Wall suction dial Yankauer suction

Items found in an ER code cart

AED Alcohol swab packaging Ambu bag Atomizer Code cart lock tab CPR back board Endotracheal tubes Exam gloves Intubation blade IV catheters IV fluid bags IV tubing Lubrication Medication ampules Medication bottles Nasopharyngeal airways Needle caps Non-rebreather mask Oral airways Oxygen tank dial Pacer pads Plastic cart housing Plastic cover over tip of scissors Plastic syringes Plastic tape Portable suction pump Saline flushes Sharps container Syringe caps Tourniquets Venti-mask

Other medical devices used on a daily basis

Adhesive foam Bedpan Bleach wipe containers Crutch pads/grips Date stickers Hemovac drain IV caps Jackson Pratt drain Medical glue Nasogastric tubes Ostomy bags and appliance Patient call bell Patient room phone Patient socks/grip bottoms Peripheral venous catheter Plastic boxes of gauze Plastic medicine cups Plastic packaging on medications Pyxis machine Skin barrier packaging

Sterile gowns Sterile packaging Sutures Three-way stopcocks Urinary catheters Walkers/canes

