

Orthopedic Medical Device Market in Japan: Key Research Findings 2011

Research Outline

Yano Research Institute has conducted a study on p industry in Japan with following conditions.

1. Research period: May to September 2011
2. Research targets: Manufacturers and original sellers of import products
3. Research methodologies: Face-to-face and telephone interviews

Market Size in fiscal 2010 (forecast for fiscal 2011 in parentheses)

- Artificial joint in total 174,000 units and 96,200 million yen
- Hip joint revision 1,457 units
- Knee joint revision 1,016 units
- Minimally invasive surgeries of hip joint 50,200 cases
- Minimally invasive surgeries of knee joint 35,000 cases
- Tumor prosthesis 558 units (610 units)
- Artificial hip joint 101,000 units (105,000 units)
- HA/AW glass coated and alkaline heat treated stem 33,900 pieces
- HA/AW glass coated and alkaline heat treated cup 26,600 pieces
- Zirconia head below 7,000 pieces
- Metal to metal below 5,400 pieces (3,100 pieces)
- Ceramic to ceramic 4,200 to 4,300 pieces
- THR cup cross-linked polyethylene 29,000 pieces (33,000 pieces)
- Bipolar over 56,600 units
- Simple caput and unipolar 658 units (587 units)
- Caput cap 143 units (125 units)
- Artificial knee joint 69,200 units (70,950 units)
- Mobile type knee joint 10,840 units
- HA coated knee joint 4,800 units
- Knee joint hemi replacement 4,673 units
- Artificial shoulder 1,650 units (1,706 units)
- Shoulder caput replacement 1,398 units
- Artificial elbow 965 units
- Artificial finger and other joints 1,649 units

- Bone cement 2,418 million yen (2,225 million yen)
- Neurosurgical cement (cranial bone cement) 100 million yen (93 million yen)

- Internal fixation material 47,779 million yen (51,273 million yen)
- CHS/DHS (incl. gamma type) 92,800 cases and below 18,000 million yen
- Gamma type 74,000 units (80,800 units)
- Cannulated screw 27,824 cases (27,443 cases)
- Intramedullary nail (interlocking, ender, etc.) 31,883 units
- Plate & screw 38,500 units (47,700 units)
- Dual end screw 19,148 pieces (21,040 pieces)
- Absorbable screw and pin 1,303 million yen (1,294 million yen)

- Mini and micro plate system 8,379 million yen (8,480 million yen)
- Cranial bone flap fixation 46,100 pieces and 749 million yen (46,700 pieces and 755 million yen)
- Absorbable 1,920 million yen (1,950 million yen)

- External fixator 2,195 million yen
- Disposable 1,933 sets (1,941 sets)

- Spinal fusion system 67,355 units and 32,396 million yen
- Cervical vertebra over 11,625 units
- Corpus vertebral spacer and intervertebral spacer (incl. ceramic) 20,600 cases

- Artificial ligament 24,110 pieces (24,350 pieces)
- ACL screw & staple around 35,000 to 36,000 pieces

- Artificial bone 7,888 million yen (8,200 million yen)
- Absorbable 1,630 million yen (1,820 million yen)

➤ **Report format:**

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