

# Ceramic biomedical implants (hip joint prosthesis)

## IPR STATUS

Patented

## APPLICATION/USES

Healthcare; Total Hip Replacement (THR) based on ceramic head and polymer acetabular cup

## SALIENT FEATURES

Product is at per ISO spec., low wear, suits Indian patients, equivalent metallic implants has been discarded world-wide, ceramic THR is gaining importance, thus huge market potential, long service life, superior

quality implant with better patient compliance eliminating chances of revision surgery

## LEVEL/SCALE OF DEVELOPMENT

- Commercialized product
- Commercialized through industry partner

## LINE MINISTRY MAPPING/USER SECTOR

Ministry of Social Justice & Empowerment/ Ministry of Health & Family Welfare



Total hip joint replacement with Ceramic ( $\text{Al}_2\text{O}_3$ ) head

