

## MEDICAL DEVICE R&D SERVICES

Pharmaseed provides a comprehensive array of translational research and development services, from early-stage R&D to first-in-man. Our state-of-the-art GLP-accredited laboratories and animal facility are well equipped to address the needs of your medical device technology.

With more than 200 years of accumulated experience in basic and applied scientific research, Pharmaseed is your preferred choice of R&D partner.

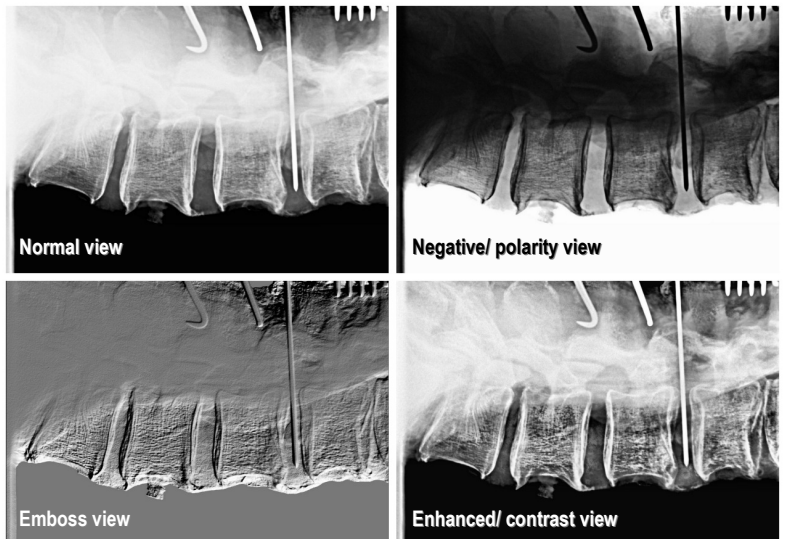
### LIST OF SERVICES

- EVALUATION TESTS FOR SURFACE AND IMPLANT MEDICAL DEVICES (FDA G-95)
- GLP STUDIES FOR SMALL ANIMALS (IN HOUSE) AND LARGE ANIMALS (US AND ASIA)
- FULLY EQUIPPED OPERATING ROOMS
- ACCESS TO HUMAN TISSUES AND ORGANS
- BIOLOGICAL SAFETY STUDIES
- BIOCOMPATIBILITY STUDIES
- GENOTOXICITY
- PREMARKET APPROVAL

### EXPERIMENTAL STUDIES

- IN VIVO
  - IRRITATION STUDIES
    - DERMAL, OCULAR, MUCOSAL
  - SENSITIZATION
  - LLNA
  - PYROGENICITY
  - CARCINOGENICITY
  - TOXICITY
    - ACUTE, CHRONIC
  - PATHOLOGY
    - HEMATOLOGY, CHEMISTRY
- IN VITRO
  - CYTOTOXICITY
  - BACTERIAL MUTAGENICITY
  - HEMOCOMPATIBILITY

Figure: 4 different configurations of a single x-ray of a human lumbar spine



### CONTACT

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