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M.U.S.T. - PEDICLE SCREW SYSTEM

CAUTION

For a U.S. specific package insert, please go to www.medacta.com or call toll free 800-901-7836.

SYMBOLS / SIMBOLI / PICTOGRAMMES / PIKTOGRAMME / PICTOGRAMAS / PICTOGRAMAS / PICTOGRAMMES

	Do not reuse / Non riutilizzare / Niet hergebruiken / Nicht wiederverwenden / No reutilizable / Não reutilizar / Ne pas réutiliser
	Do not re-sterilize / Non risterilizzare / Niet re-steriliseren / Bitte nicht re-sterilisieren / No reesterilize / Não reesterilizar / Ne pas restériliser
	Caution, read the accompanying documents / Attenzione, consultare i documenti di accompagnamento / Opgelet, raadpleeg de bijgeleverde documenten / Achtung, Begleitdokumente beachten / Atención, consulte los documentos que se acompañan / Atenção, consultar os documentos de acompanhamento / Attention, consulter les documents d'accompagnement
	Consult instructions for use / Consultare le istruzioni di utilizzo / Gebruiksaanwijzing / Bitte lesen Sie die Gebrauchsanweisung / Consulte las Instrucciones antes de su uso / Consulte as instruções de uso / Consultez les instructions d'utilisation
	Do not expose to sunlight / Non esporre alla luce del sole / Niet blootstellen aan zonlicht / Vor Sonnenlicht schützen / No exponer a la luz solar / Não expor à luz solar / Ne pas exposer à la lumière du soleil
	Store in a dry place / Conservare in luogo asciutto / Droog bewaren / Trocken aufbewahren / Conservar en lugar seco / Conservar em local seco / Conserver au sec
	Do not use if package is damaged / Non utilizzare se la confezione è danneggiata / Niet gebruiken als verpakking beschadigd is / Bitte nicht verwenden, falls Verpackung beschädigt ist / No utilize si el envoltorio está dañado / Não utilizar se a embalagem estiver violada / Ne pas utiliser si l'emballage est abîmé
	Use by / Utilizzare entro il / Te gebruiken voor / Zu verwenden bis / Utilizar antes de / A utilizar antes de / A utiliser avant
	Lot number / Numero di lotto / Nummer van de partij / Waren-Lot-Nummer / Número de lote / Número de lote / Numéro de lot
	Reference number / Riferimento commerciale / Handelsreferentie / Referenznummer / Numero de Referencia / Referência comercial / Référence commerciale
	Sterilized by irradiation / Sterilizzato mediante irradiazione / Gesteriliseerd door doorstraling / Sterilisiert durch Bestrahlung / Esterilizado por irradiación / Esterilizado por irradiação / Stérilisé par irradiation
	Manufacturer / Produttore / Fabrikant / Hersteller / Fabricante / Fabricante / Fabricant
	MR Conditional

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ENGLISH: M.U.S.T. - INSTRUCTIONS FOR USE

Important notice: the implant(s) can be prescribed and implanted only by a doctor legally authorized to perform this type of surgery.

1. GENERAL

Before any surgery, the surgeon must be familiar with the sales literature and operative technique and must carefully read these instructions for use. Patient selection is as important as implant placement and positioning. Obesity or unsuitable functional requirements may generate exceptional stresses and reduce the implant life. The warnings must be heeded and the instructions for use must be strictly followed.

2. INTENDED USE

The M.U.S.T. Pedicle screw system devices are fixation devices intended for stabilization and to promote bone fusion during the normal healing process following surgical correction of disorders of the spine.

3. PRODUCT DESCRIPTION

These instructions for use are intended for all the products described here below. Please note that not all the products mentioned in this document are available in every country. The M.U.S.T. Pedicle screw system devices consist of the following materials:

- M.U.S.T. polyaxial pedicle screws of different lengths and diameter made of Ti6Al4V and CoCrMo alloys.
- M.U.S.T. polyaxial cannulated pedicle screws of different lengths and diameter made of Ti6Al4V and CoCrMo alloys.
- M.U.S.T. monoaxial pedicle screws of different lengths and diameter made of Ti6Al4V.
- M.U.S.T. monoaxial cannulated pedicle screws of different lengths and diameter made of Ti6Al4V.
- M.U.S.T. polyaxial fenestrated pedicle screws (solid and cannulated) of different lengths and diameter made of Ti6Al4V and CoCrMo alloys.
- M.U.S.T. polyaxial reduction pedicle screws (solid and cannulated) of different lengths and diameter made of Ti6Al4V.
- M.U.S.T. LT polyaxial cannulated pedicle screws of different lengths and diameter made of Ti6Al4V.
- M.U.S.T. LT polyaxial fenestrated pedicle screws (cannulated) of different lengths and diameter made of Ti6Al4V.
- M.U.S.T. LT setscrew made of TiAl4V alloy.
- M.U.S.T. set screw made of CoCrMo alloy.
- M.U.S.T. rod straight and rod pre-bent of different lengths made of Ti6Al4V or CoCrMo alloys.
- M.U.S.T. Link (cross connectors) of different sizes made of Ti6Al4V.
- M.U.S.T. Hooks of different sizes made of Ti6Al4V.
- M.U.S.T. Lateral Connectors of different sizes made of Ti6Al4V.
- M.U.S.T. Rod to rod connectors of different sizes made of Ti6Al4V (connector) and CoCr alloys (set screw).
- Pedicle screws, set screws and rods are available in sterile packaging.
- M.U.S.T. MC polyaxial screws (solid and cannulated) of different lengths and diameter made of Ti6Al4V and CoCrMo alloys.
- M.U.S.T. MC polyaxial reduction screws (solid and cannulated) of different lengths and diameter made of Ti6Al4V and CoCrMo alloys

4. INDICATION FOR USE

The M.U.S.T. Pedicle screw system is intended for posterior non-cervical pedicle fixation (T1-S2/ilium) and nonpedicle fixation, or anterolateral fixation (T8-L5). These devices are indicated as an adjunct to fusion for all of the following indications:

- Degenerative disc disease (defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies); spondylolisthesis; trauma (i.e., fracture or dislocation); spinal stenosis; curvatures (i.e., scoliosis, kyphosis, and/or lordosis); tumor; pseudoarthrosis; and failed previous fusion in skeletally mature patients.
- When used for posterior non-cervical pedicle screw fixation in pediatric patients, the Medacta Pedicle screw system implants are indicated as an adjunct to fusion to treat adolescent idiopathic scoliosis. The Medacta pedicle screw system is intended to be used with autograft and/or allograft. Pediatric pedicle screw system is limited to a posterior approach.

5. CONTRAINDICATIONS

The use of the M.U.S.T. Pedicle screw system is contraindicated in the following cases:

- Active infectious process or significant risk of infection (immunocompromise).
- Signs of local inflammation.
- Fever or leukocytosis.
- Morbid obesity.
- Mental illness.
- Grossly distorted anatomy caused by congenital abnormalities.
- Any other medical or surgical condition which would preclude the potential benefit of spinal implant surgery, such as the presence of congenital abnormalities, elevation of sedimentation rate unexplained by other diseases, elevation of white blood count (WBC), or a marked left shift in the WBC differential count.
- Suspected or documented metal allergy or intolerance.
- Any case not needing a fusion.
- Any case where the implant components selected for use would be too large or too small to achieve a successful result.
- Any patient having inadequate tissue coverage over the operative site or inadequate bone stock or quality.
- Any patient in which implant utilization would interfere with anatomical structures or expected physiological performance.
- Any patient unwilling to follow postoperative instructions.
- Any case not described in the indications.
- Although not absolutely contraindicated, conditions to be considered as potential factors for not using this device include severe bone resorption, osteomalacia, severe osteoporosis.

6. WARNINGS

- A successful result is not always achieved in every surgical case. This fact is especially true in spinal surgery where other patient conditions may compromise the results.
- Preoperative and operating procedures, including knowledge of the surgical techniques and correct selection and placement of the implants are important considerations in the successful utilization of the system by the surgeon. Furthermore, the proper selection and the compliance of the patient will greatly affect the results. Patients who smoke have been shown to have a reduced incidence of bone fusion. These patients should be advised of this fact and warned of this consequence. Obese, malnourished and / or alcohol / drug abuse patients and those with poor muscle and bone quality and / or nerve paralysis are also poor candidates for spinal fixation.
- Patients with previous spinal surgery at the levels to be treated may have different clinical outcomes compared to those who have not experienced previous surgery.
- The following circumstances may reduce the chance of a successful outcome: signs of local inflammation; fever or leukocytosis; metal/polymer sensitivity/allergies to the implant material; grossly distorted anatomy due to congenital abnormalities; osteopenia and/or osteoporosis; unsuitable or insufficient bone support, bone immaturity.
- The M.U.S.T. Pedicle screw system implants have not been evaluated for safety and compatibility in the MR environment. The M.U.S.T. Pedicle screw system implants have not been tested for heating or migration in the MR environment.

- The M.U.S.T. Pedicle screw system implants should never be re-implanted. While an implant may appear undamaged, microscopic imperfections may occur and cause implant failure.
- The safety and effectiveness of pedicle screw spinal systems have been established only for spinal conditions with significant mechanical instability or deformity requiring fusion with instrumentation. These conditions are significant mechanical instability or deformity of the thoracic, lumbar, and sacral spine secondary to degenerative spondylolisthesis with objective evidence of neurologic impairment, fracture, dislocation, scoliosis, kyphosis, spinal tumour, and failed previous fusion (pseudarthrosis). The safety and effectiveness of this device for any other conditions are unknown. The implants are not prostheses.
- In the absence of fusion, the instrumentation and/or one or more of its components can be expected to pull out, bend or fracture as a result of exposure to every day mechanical stresses.
- Correct selection of the implant is extremely important. The potential for satisfactory fixation is increased by the selection of the proper size, shape, and design of the implant. While proper selection can help minimize risks, the size and shape of human bones present limitations on the size, shape and strength of implants.

One Medacta label for each device must be properly applied to the Medacta Implant Card provided and delivered to the patient.

MRI Compatibility

Non clinical testing has demonstrated the Product M.U.S.T. is MR Conditional. A patient with this device can be safely scanned in an MR system meeting the following conditions:

- Static magnetic field of 3 T.
- Maximum spatial field gradient of 6,400 gauss/cm.
- Maximum Force Product 180,000,000 G2/cm (108 T2/m).
- The theoretically estimated maximum whole body averaged specific absorption rate (SAR) of <2 W/kg (Normal Operating Mode).

Under the scan conditions defined above, the product M.U.S.T. is expected to produce a maximum temperature rise of less than:

- 2.4°C (2W/kg, 1.5Tesla) RF-related temperature increase with a background temperature increase of 0.8°C (2W/kg,1.5Tesla).
- 2.1°C (2 W/kg, 3 Tesla) RF-related temperature increase with a background temperature increase of 0.2°C (2 W/kg, 3 Tesla) after 15 minutes of continuous scanning.

In non-clinical testing, the image artifact caused by the device extends approximately 69.3 mm from the product M.U.S.T. when imaged with a gradient echo pulse sequence and a 3 T MRI system.

CAUTION

Patient safety is ensured up to a static magnetic field of 3T. No further analysis has been performed for higher values.

The following references have not been tested in MRI environment; their behavior is unknown:

Reference	Description
03.50.404	Rod Titanium 5.5x600mm
03.50.434	Rod Cobalt-Chrome 5.5x600mm
03.50.804	Anodized Rod Titanium 5.5x600mm
03.52.418	Enh. Rod Titanium 5.5x600mm
03.52.518	Enh. Rod Cobalt-Chrome 5.5x600mm
03.52.818	Enhanced Anodized Rod Titanium 5.5x600mm
03.52.603	Pre-contoured Rod Titanium 5.5x500mm
03.52.653	Pre-contoured Rod Cobalt-Chrome 5.5x500mm

7. PRECAUTIONS

- The use of the M.U.S.T. Pedicle screw system should only be undertaken after the surgeon has become thoroughly knowledgeable about spinal anatomy and biomechanics, has had experience with intervertebral fusion procedures and spinal supplemental fixation and has had hands-on training in the use of this device.
- The M.U.S.T. Pedicle screw system should not be implanted in patients with severe osteoporosis or osteopenia.
- Correct handling of the implants is extremely important. Contouring of metal implants should only be done with proper equipment. The operating surgeon should avoid any notching, scratching or reverse bending of the devices when contouring. Alterations will produce defects in surface finish and internal stresses which may become the focal point for eventual breakage of the implant. Bending of screws will significantly decrease the fatigue life and may cause failure.
- All the M.U.S.T. Pedicle screw system devices supplied sterile should be handled with appropriate precautions to maintain sterility
- The important medical information given in this document should be conveyed to the patient.
- An explanted metal implant should never be replanted. Even though the device appears undamaged, it may have small defects and internal stress patterns which may lead to early breakage.
- Pregnancy is not a contraindication for the implants here contemplated, but diagnostic and operative procedures on pregnant women should be undertaken after a comprehensive medical evaluation.

8. ADVERSE EFFECTS

Adverse effects may occur when the implant is used either with or without associated instrumentation. The potential risk of adverse effects as a result of movement and non-stabilization may increase in cases where associated complementary support is not employed. Potential adverse events include but are not limited to:

- Implant migration.
- Disassembling, bending or breakage of the implant.
- Foreign body reaction to the implants including possible tumour formation, auto immune disease and / or scarring.
- Pressure on the surrounding tissues or organs.
- Pressure on the skin from component parts in patients with inadequate tissue coverage over the implant possibly causing skin penetration, irritation, fibrosis, neurosis, and/or pain, bursitis. Tissue or nerve damage caused by improper positioning and placement of implants or instruments.
- Loss of proper spinal curvature, correction, height and / or reduction.
- Infection.
- Bone fracture or bone loss or decrease in bone density, possibly caused by stresses shielding at, above or below the level of surgery.
- Non-union (or pseudarthrosis), delayed union or mal-union.
- Loss of neurological function, appearance of radiculopathy, development of pain, dysesthesias, hyperesthesia, anesthesia, paresthesia, and/or the development or continuation of pain, numbness, neuroma, spasms, sensory loss, tingling sensation, and/or visual deficits.
- Cauda equina syndrome, neuropathy, neurological deficits (transient or permanent), paraplegia, paraparesis, reflex deficits, irritation, arachnoiditis, and/or muscle loss.
- Neurovascular compromise including paralysis, cerebral spinal fluid leakage.
- Haemorrhage of blood vessels and / or haematomas occlusion, seroma, edema, hypertension, embolism, stroke, excessive bleeding, phlebitis, wound necrosis, wound dehiscence, damage to blood vessels, or other types of cardiovascular system compromise.
- Urinary retention or loss of bladder control or other types of urological system compromise.
- Discitis, arachnoiditis and / or other types of inflammation.
- Deep venous thrombosis, thrombophlebitis and / or pulmonary embolus.
- Dural tear requiring surgical repair. This risk is related to the surgical procedure. The intended use of the device does not require it to be close to the dura.
- Inability to resume activities of normal daily living.
- Early or late loosening or movement of the implant.
- Scar formation possibly causing neurological compromise or compression around nerves and / or pain.
- Fracture, microfracture, resorption, damage or penetration of any spinal bone (including pedicles and / or vertebral body) and / or bone graft or bone graft harvest site at, above and / or below the level of surgery. Retropulsed graft.
- Herniated nucleus pulposus, disc disruption or degeneration at, above or below the level of surgery.
- Loss of or decrease in spinal mobility or function.

- Development of respiratory problems, e.g. pulmonary embolism, atelectasis, bronchitis, pneumonia, etc.
- Reproductive system compromise, including sterility, loss of consortium, and sexual dysfunction.
- Death.

Adverse events may necessitate re-operation or revision. A revision is a procedure which adjusts or in any way modifies the original implant configuration, e.g. adjusting the position of the original configuration or removal of implants with their subsequent replacement. A removal is a procedure which removes one or more implants of the original device configuration without any replacement. A re-operation is a procedure which involves any surgical procedure at the involved spinal level(s) which does not remove, modify or add any implants.

INSTRUCTIONS FOR USE

9. IMPLANT SELECTION

- The selection of the proper size, shape and design of the implant for each patient is crucial to the success of the procedure. Surgical implants are subject to repeated stresses in use and their strength is limited by the need to adapt the design to the human anatomy. Unless great care is taken in patient selection, placement of the implant and postoperative management to minimize stresses on the implant, such stresses may cause material fatigue and consequent breakage of the implant before the fusion process is complete, which may result in further injury or the need to remove the implant prematurely.
- Excessive loads, such as excessive torque, tensile or compression load applied to long handle insertion tools attached to the implant or direct application of loads to a small area of the devices can damage the implant/instrument interface.
- Once the fusion has healed, the surgeon and patient should carefully weigh the risks and benefits if considering the removal of the posterior pedicle screw fixation system.
- Improper selection, placement, positioning and fixation of these devices may result in unusual stress conditions reducing the service life of the implant.
- The surgeon is to be thoroughly familiar with the surgical procedure, instruments and implant characteristics prior to performing surgery. Periodic follow-up is recommended to monitor the position and state of the implants, as well as the condition of the adjoining bone.

10. IMPLANT FIXATION

Installation and positional adjustment of implants must only be done with special ancillary instruments and equipment supplied and designated by Medacta. In the interests of patient safety, it is therefore recommended that Medacta implants are not used with implants from any other source.

11. PREOPERATIVE

The surgeon and operating theatre personnel should wear sterile surgical gloves. Under no circumstances should the components come into contact with hard objects (unless otherwise specified in the surgical technique). Before use, each component must be visually inspected for imperfections. Special surgical instruments are required for the surgery. To avoid damaging the implants and the instruments, these should be handled with the utmost care by qualified personnel and in an environment where conditions of hygiene are controlled. The correct usage of instruments is described in the surgical technique. Instruments must be inspected visually before the operation. Distorted or damaged instruments may result in malposition of the implant or implant failure.

- Only patients that meet the criteria described in the indications should be selected.
- Patient conditions and / or predispositions such as those addressed in the aforementioned contraindications should be avoided
- Care should be taken in the handling and storage of the implant(s). They should not be scratched or damaged.
- Further information about this system will be provided upon request.
- The surgeon should be familiar with the various implants before use and should personally verify that all implants are present before the surgery begins.
- Implants and instruments should be protected during storage, especially from corrosive environments.
- The size of the implant(s) for the case should be determined prior to beginning the surgery. An adequate inventory of implant sizes should be available at the time of surgery, including sizes larger and smaller than those expected to be used.
- Additional sterile implants should be available in case of any unexpected need.
- All components and instruments should be cleaned and sterilized before use.

12. INTRAOPERATIVE

- The instructions in the M.U.S.T. Pedicle Screw System surgical technique should be carefully followed.
- At all times, extreme caution should be used around the spinal cord and nerve roots. Damage to the nerves will cause loss of neurological functions.
- Breakage, slippage or misuse of instruments or implants may cause injury to the patient or operative personnel.
- The implant surface should not be scratched or notched since such actions may reduce the functional strength of the implant.
- To ensure proper fusion below and around the location of the fusion, autogenous bone graft or autologous bone graft should be used. In case of limited availability autogenous bone graft can be mixed with synthetic bone graft substitute.
- The rods should not be repeatedly or excessively bent. The rods should not be reverse bent in the same location. Use great care to insure that the implant surfaces are not scratched or notched, since such actions may reduce the functional strength of the construct. If the rods are cut to length, they should be cut in such a way as to create a flat, non-sharp surface perpendicular to the midline of the rod. Cut the rods outside the operative field. Whenever possible, use pre-cut rods of the length needed.
- Utilize an imaging system to facilitate surgery.
- In case of cannulated screws, to insert a screw properly, a guide wire should first be used, followed by a sharp tap. Caution: Be careful that the guide-wire, if used, is not inserted too deep, becomes bent, and/or breaks. Ensure that the guide-wire does not advance during tapping or screw insertion. Remove the guide-wire and make sure it is intact. Failure to do so may cause the guide wire or part of it to advance through the bone and into a location that may cause damage to underlying structures.
- Do not overlap or use a screw that is either too long or too large. Overtapping, using an incorrectly sized screw, or accidentally advancing the guide wire during tap or screw insertion, may cause nerve damage, hemorrhage, or the other possible adverse events listed elsewhere in this package insert. If screws are being inserted into spinal pedicles, use as large a screw diameter as will fit into each pedicle.
- If cement is being used in combination with the M.U.S.T Fenestrated screws, please verify the correct pedicle screws placement through Xrays controls before starting the cement injection and during its distribution as to avoid any possible cement leakage. Surgeons should evaluate the proper volume of cement to inject depending on the bone quality and patient's need. Some literature data have suggested that the optimal volume of injectable cement should be about 2mL. Please make sure the cement meets the following requirements:
 - Low viscosity
 - Working time not inferior than 8 minutes
 - Presence of radiopaque agent
- Before closing the soft tissues, provisionally tighten (finger tighten) all of the nuts or screws. Once this is completed go back and firmly tighten all of the screws and nuts. Recheck the tightness of all nuts or screws after finishing to make sure that none loosened during the tightening of the other nuts or screws. Failure to do so may cause loosening of the other components

13. POSTOPERATIVE

The physicians postoperative directions and warnings to the patient and the corresponding patient compliance are extremely important.

- Detailed instructions on the use and limitations of the implant should be given to the patient. The patient must be warned that loosening and / or breakage of the implant(s) are complications which may occur as a result of early or excessive weight-bearing, mechanical vibrations, muscular activity or sudden jolts or shock to the spine.
- If partial weight-bearing is recommended or required prior to firm bony union, the patient must be warned that bending, loosening and/or breakage of the device(s) are complications which may occur as a result of excessive or early weight-bearing or muscular activity. The risk of bending, loosening, or breakage of a temporary internal fixation device during postoperative rehabilitation may be increased if the patient is active, or if the patient is debilitated or demented. The patient should be warned to avoid falls or sudden jolts in spinal position.
- The patient should be advised not to smoke tobacco or utilize nicotine products, or to consume alcohol or non-steroidal or anti-inflammatory medications such as aspirin during the bone graft healing process.
- The patient should be advised of the inability to bend at the point of spinal fusion and be taught to compensate for this permanent physical restriction in body motion.

- It is important that the immobilization of the union is established and confirmed by radiographic examination. If a non-union develops or if the implants loosen, migrate and / or break, the implant should be revised and / or removed immediately before serious injury occurs. By the mechanism of fatigue, these stresses can cause the eventual bending, loosening, or breakage of the device(s). It is important that immobilization of the spinal surgical site be maintained until firm bony union is established and confirmed by roentgenographic examination. If a state of non-union persists or if the components loosen, bend, and/or break, the device(s) should be revised and/or removed immediately before serious injury occurs. The patient must be adequately warned of these hazards. Until X-rays confirm the maturation of the fusion mass, external immobilization (such as bracing or casting) is recommended. Instructions to the patient to reduce stress on the implants are an equally important part of the attempt to avoid the occurrence of clinical problems that may accompany fixation failure.
- While the final decision on implant removal is, of course, up to the surgeon and patient, in most patients, removal is indicated because the implants are not intended to transfer or support forces developed during normal activities. If the device is not removed following completion of its intended use, one or more of the following complications may occur: (1) Corrosion, with localized tissue reaction or pain; (2) Migration of implant position, possibly resulting in injury; (3) Risk of additional injury from postoperative trauma; (4) Bending, loosening and breakage, which could make removal impractical or difficult; (5) Pain, discomfort, or abnormal sensations due to the presence of the device; (6) Possible increased risk of infection; (7) Bone loss due to stress shielding; and (8) Potential unknown and/or unexpected long term effects such as carcinogenesis. Implant removal should be followed by adequate postoperative management to avoid fracture, re-fracture, or other complications.
- As a precaution, before patients with implants receive any subsequent surgery (such as dental procedures), prophylactic antibiotics may be considered, especially for high-risk patients.

14. PACKAGING

Packages for each of the components should be intact upon receipt. If a loaner or consignment system is used, all sets should be carefully checked for completeness and all components including instruments should be carefully checked to ensure that there is no damage prior to use. Damaged packages or products should not be used and should be returned to Medacta International or to the local distributor. The sterilization method is indicated on the label. The expiration date must be checked on the label as well as the package integrity to ensure that sterility of the contents has not been compromised. If a package is damaged or has been previously opened, do not use the implant.

15. INSTRUMENTS

Instruments are supplied non-sterile and must be cleaned and sterilized prior to use. Recommended cleaning, decontamination and sterilization instructions are provided on www.medacta.com.

16. STORAGE

The packages must be stored in a cool, dry place, not exposed to sunlight.

17. PRODUCT COMPLAINTS

Any healthcare professional (e.g. customer or user of this system of products) who has any complaints or who has experienced any dissatisfaction in the product quality, identity, durability, reliability, safety, effectiveness and / or performance should notify Medacta or the distributor. Furthermore, if any of the implanted spinal system implant(s) ever malfunction (i.e. does not meet any of its performance specifications or otherwise does not perform as intended) or is suspected of doing so, the distributor should be notified immediately. If any Medacta product ever malfunctions and may have caused or contributed to the death or serious injury of a patient, the distributor should be notified immediately by telephone, fax or written correspondence. When filing a complaint, please provide the implant(s) name and number, lot number(s), your name and address, the nature of the complaint and notification of whether a written report from the distributor is requested.

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