

MPC

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MPC Medical Records

Please fax or mail all consults, labs, diagnostic results
to our medical records department.

Fax: 616.242.2517

MPC: Attn Medical Records

61 Commerce Ave SW

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Complementary or regenerative medicine, is an exciting and rapidly evolving branch in the field of interventional pain management. Regenerative medicine is a non-surgical treatment option for chronic pain patients that merges state of the art medical technology with the body's natural ability to heal and repair itself.

Acupuncture

Acupuncture is the practice of using small needles inserted at very precise points on the body to promote natural healing and improve functioning. Acupuncture stimulates nerves, muscles and connective tissues, prompting increased blood flow to injured areas of the body, boosting the body's natural healing process. Acupuncture provides a low risk treatment option that can be beneficial for pain syndromes due to an injury or associated with chronic degenerative diseases.

Bone Marrow Aspiration/Concentration (BMAC)

Bone marrow contains the body's highest concentration of adult stem cells. These stem cells are known as the body's repair kit as they have the unique ability to replicate themselves for use in any tissue or organ found throughout the body. A physician extracts bone marrow from the patient's hip. The bone marrow is then spun in a centrifuge to separate and concentrate the stem cells. The concentrated stem cells are then injected into the affected area of the body initiating a regenerative response from the body.

Platelet-Rich Plasma Therapy (PRP)

Platelet-rich plasma Therapy or PRP, is an advanced treatment option that uses the patient's own blood components to stimulate the body's healing process in the damaged or injured area causing pain. A small amount of blood is taken from the patient and spun in a specially designed centrifuge to isolate and increase the concentration of platelets. The concentrated platelets are then injected into the affected or injured area, stimulating the body's natural response to heal itself.

Leukocyte Depleted Protein Enhanced Platelet Rich Plasma (L-PRP)

The process for obtaining platelets for a L-PRP procedure is very similar to that of a standard PRP procedure. As with a standard PRP, blood is drawn from the patient, placed in a filter and spun in a specially designed centrifuge to isolate the platelets from the blood components. For L-PRP, the process to isolate the platelets and growth factors goes one step further. Following the centrifuge process, white blood cells (leukocytes) are also removed from the concentrated platelet solution through an additional filter. This additional filter also concentrates plasma proteins which inhibit the release of enzymes that stimulate the regenerative process. The L-PRP solution is then injected under guided x-ray directly into the site of injury, much in the same way as the standard PRP option.

