

# Main Indications of Medical Ozone as a Complementary Concept 1

Main Indications	Underlying Mechanisms of Action
Angiopathia, diabetic angiopathia in particular, Arterial circulatory disorders	<ul style="list-style-type: none"><li>▪ Improvement of oxygen release by activation of RBC metabolism,</li><li>▪ Regulation of angiogenesis,</li><li>▪ Regulation of ROS, antioxidants and radical scavengers</li></ul>
Chronic forms of Hepatitis B and C, Herpes zoster	<ul style="list-style-type: none"><li>▪ Release of cytokines such as interferons and interleukins by activation of immunocompetent cells,</li><li>▪ Increase of antioxidant capacity</li></ul>

# Main Indications of Medical Ozone as a Complementary Concept 2

Main Indications	Underlying Mechanisms of Action
Supportive therapy in cancer patients, Prevention of side effects of chemotherapy and/or radiation	<ul style="list-style-type: none"><li>▪ Improvement of oxygen availability</li><li>▪ Regulation of angiogenesis,</li><li>▪ Increase of antioxidant capacity by activation of biological antioxidants</li><li>▪ Modulation of the immune system</li></ul>
Supportive therapy in rheumatoid arthritis and Inflammatory conditions such as <ul style="list-style-type: none"><li>▪ knee arthrosis,</li><li>▪ gonarthrosis</li><li>▪ traumatic knee disorders</li></ul>	<ul style="list-style-type: none"><li>▪ Modulation of the immune system, by activation of immunocompetent cells → interferons and interleukins...</li><li>▪ Release of TGF-<math>\beta</math></li><li>▪ Increase of antioxidant capacity</li></ul>

# Main Indications of Medical Ozone as a Complementary Concept 3

Main Indications	Underlying Mechanisms of Action
External ulcers and skin lesions	<ul style="list-style-type: none"><li>▪ Disinfection</li><li>▪ wound cleansing</li><li>▪ improved wound healing (mechanisms see above)</li></ul>
Dental medicine <ul style="list-style-type: none"><li>▪ following tooth extraction</li><li>▪ buccal infections</li><li>▪ aphtae</li><li>▪ parodontosis</li></ul>	<ul style="list-style-type: none"><li>▪ Disinfection</li><li>▪ wound cleansing</li><li>▪ improved wound healing (mechanisms see above)</li></ul>