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Orthopedics | Research article

[Using intraoperative foraminoplasty in the prophylaxis of dysesthesia in transforaminal endoscopic discectomies of the lumbar spine](#)

Max Rogério Freitas Ramos*, Paulo Sérgio Teixeira de Carvalho, Kai-Uwe Lewandrowski, Alexandre Peixoto, Paulo de Carvalho Jr, Mark de Melo Ramos

Published: 11 August 2020 | Pages: 001-008

DOI: <https://www.doi.org/10.46766/thegms.ortho.20080703>

Excerpt: Postoperative nerve root injury with dysesthesia is the most frequent sequela following lumbar endoscopic transforaminal discectomy. At times, it may be accompanied by transient and rarely by permanent motor weakness.

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Orthopedics | Prospective

[Pregabalin preoperative single dose for pain control after lombar videoendoscopic discectomy: A Prospective study](#)

Rossana Ribeiro de Melo Ramos, Paulo Sérgio de Carvalho, Max Rogério Freitas Ramos*, Paulo de Carvalho Jr, Karina Lebeis Pires, Mark de Melo Ramos

Published: 11 August 2020 | Pages: 009-013

DOI: <https://www.doi.org/10.46766/thegms.ortho.20080704>

Excerpt: Twenty patients with lombar disc hernia and indication of surgical treatment were randomly allocated into two groups. The first group received 150 mg of pregabalin one hour before the anesthetic indication, the second group received conventional treatment without pregabalin.

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Orthopedics | Review article

[Video Endoscopic Surgery in the Treatment of Lumbar Canal Stenosis: A systematic review](#)

Max Rogério Freitas Ramos*, Paulo Sérgio Teixeira de Carvalho, Alexandre Peixoto, Paulo de Carvalho Jr, Mark de Melo Ramos

Published: 12 August 2020 | Pages: 014-021

DOI: <https://www.doi.org/10.46766/thegms.ortho.20080905>

A Lumbar spinal stenosis is characterized by a central or transforaminal ways of compression which results in pain and compressive functional progressive loss. Studies show that the best form of treatment for this condition is a surgical decompression that has lately been associated with endoscopy video.

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Microvita | Research article

[The Hydrogen Atom as an Integrative Eigenstate of the Bifurcating Quantum Field](#)

Frank van den Bovenkamp*

Published: 16 August 2020 | Pages: 022-035

DOI: <https://www.doi.org/10.46766/thegms.microvita.20080202>

The present paper proposes an interpretation of quantum mechanics whereby the matter wave and its eigenstates are formed through an underlying, bifurcative self-interaction of the quantum field. Subsequently it will be shown that based on the latter the proton-to-electron mass ratio can accurately be calculated.

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Nephrology | Prospective

[Serum Soluble Interleukin 2 Receptor Alpha vs Urinary Parameters as a monitoring tool of treatment response of Lupus Nephritis and their relation to Lupus Nephritis Class on renal biopsy](#)

Saiful Bahar Khan*, Syed Imtiaz Ahmed, Md. Zayeed Ahsan, Richmond Ronald Gomes, Moin Shahid

Published: 19 August 2020 | Pages: 036-043

DOI: <https://www.doi.org/10.46766/thegms.nephro.20081006>

Lupus Nephritis (LN) is one of the most common and serious manifestations in SLE patients that causes significant morbidity and mortality. Current conventional biomarkers for lupus nephritis like urine sediments, proteinuria, anti-dsDNA antibodies and C3 or C4 are sometimes mislead for prediction of treatment response.

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