

Dr. Vincent POINTILLART

Orthopaedic Surgeon
Chu Pellegrin – 7 étage
Place Amélie Raba Léon
33076 Bordeaux Cedex

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FORMATION

Medical Training : Faculté Paris-Ouest

Surgery fellowship : 1982 to 1988

Medical Doctor : 5.12.1988 Université Bordeaux II

Post graduate in Neurosciences and Pharmacology Université Bordeaux II Juin
1989

PhD in neurosciences 1997

Orthopaedic surgeon in the Spinal Unit (Prof SENEGAS) since 1989

Professor of Orthopaedics in Bordeaux University 1999

Member of the Orthopaedic staff of the University Hospital of Bordeaux 1993

Member of the Neurophysiology research unit of CNRS in Bordeaux

Scientific Societies:

Member of International Medical Society of Paraplegia since 1990

Member of the French Orthopaedic Society since 1994

Surgical activity entirely devoted to spine since 1989 with an average of 300 cases per year.

PUBLICATIONS

√ **Publications**

Carbon-fibre cage reconstruction in anterior cervical corpectomy for multilevel cervical spondylosis: mid-term outcomes.

Cawley DT, Alzakri A, Fujishiro T, Kieser DC, Tavalaro C, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O.

J Spine Surg. 2019 Jun;5(2):251-258. doi: 10.21037/jss.2019.03.08.

Anterior Bone Loss in Cervical Disc Arthroplasty.

Kieser DC, Cawley DT, Fujishiro T, Tavalaro C, Mazas S, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O.

Asian Spine J. 2019 Feb;13(1):13-21. doi: 10.31616/asj.2018.0008. Epub 2018 Oct 18.

Cerebral ischaemia following anterior upper thoracic spinal surgery utilizing a partial manubrial resection.

Kieser DC, Cawley DT, Fujishiro T, Roscop C, Boissiere L, Obeid I, Gille O, Vital JM, Pointillart V.

Eur Spine J. 2019 Mar;28(3):463-469. doi: 10.1007/s00586-017-5364-4. Epub 2017 Oct 26.

Mars 2019

Anterior Bone Loss in Cervical Disc Arthroplasty.

Kieser DC, Cawley DT, Fujishiro T, Tavalaro C, Mazas S, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O.

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Octobre 2018

Risk factors for anterior bone loss in cervical disc arthroplasty.

Kieser DC, Cawley DT, Fujishiro T, Mazas S, Boissière L, Obeid I, Pointillart V, Vital JM, Gille O.

J Neurosurg Spine. 29 Août 2018 123-129. doi: 10.3171/2018.1.SPINE171018.

Epub May 2018

Treatment of spinal metastases in renal cell carcinoma : a critical review.

Teyssonneau D, Gross-Goupil M, Domblides C, Haaser T, Pointillart V, Hauger O, Ravaud A.

Crit Rev Oncol Hematol. 2018 May;12 5:19-29. doi: 10.1016/j.critrevonc.2018.02.017.

Epub 2018 Mar 6. Review.

Spondylolisthesis adjacent to a cervical disc arthroplasty does not increase the risk of adjacent level degeneration.

Kieser DC, Cawley DT, Roscop C, Mazas S, Coudert P, Boissiere L, Obeid I, Vital JM, Pointillart V, Gille O.
Eur Spine J. 2018 Jun; 27(6):1440-1446. doi: 10.1007/s00586-018-5574-4.
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Bisphosphonate therapy for spinal aneurysmal bone cysts.

Kieser DC, Mazas S, Cawley DT, Fujishiro T, Tavolaro C, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O.
Eur Spine J. 2018 Apr;27(4):851-858. doi: 10.1007/s00586-018-5470-y.
Epub 2018 Jan 22.

Identifying the superior and inferior gluteal arteries during a sacrectomy via a posterior approach.

Kieser DC, Coudert P, Cawley DT, Gaignard E, Fujishiro T, Farah K, Boissiere L, Obeid I, Pointillart V, Vital JM, Gille O.
J Spine Surg. 2017 Dec; 3(4):624-629. doi: 10.21037/jss.2017.12.06.

Outcomes of the Bryan cervical disc replacement: fifteen year follow-up.

Pointillart V, Castelain JE, Coudert P, Cawley DT, Gille O, Vital JM.
Int Orthop. 2018 Apr;42(4):851-857. doi: 10.1007/s00264-017-3745-2.
Epub 2017 Dec 29.

L5 pedicle subtraction osteotomy: indication, surgical technique and specificities.

Alzakri A, Boissière L, Cawley DT, Bourghli A, Pointillart V, Gille O, Vital JM, Obeid I.
Eur Spine J. 2017 Nov 29. doi: 10.1007/s00586-017-5403-1.

Cerebral ischaemia following anterior upper thoracic spinal surgery utilizing a partial manubrial resection.

Kieser DC, Cawley DT, Fujishiro T, Roscop C, Boissiere L, Obeid I, Gille O, Vital JM, Pointillart V.
Eur Spine J. 2017 Oct 26. doi: 10.1007/s00586-017-5364-4.

Single Level Proximal Thoracic Pedicle Subtraction Osteotomy for Fixed Hyperkyphotic Deformity: Surgical Technique and Patient Series.

Obeid I, Diebo BG, Boissiere L, Bourghli A, Cawley DT, Larrieu D, Pointillart V, Challier V, Vital JM, Lafage V.
Oper Neurosurg (Hagerstown). doi: 10.1093/ons/opx158.
22 Juillet 2017

Global spinal cord alignment in patients with cervical spondylotic myelopathy.

Yoshida G, Alzakri A, Pointillart V, Boissiere L, Obeid I, Matsuyama Y, Vital JM, Gille O.

Spine (Phila Pa, 1976)

24 mai 2017.

Lumbar degenerative spondylolisthesis at a level and posterior approach: is the lateral cross-body fibulation transforaminal mandatory ? A randomized controlled trial with follow-up of 2 years.

Challier V, Boissiere L, Obeid I, Vital JM, Castelain JE, Bénard A, Ong N, Ghailane S, Pointillart V, Mazas S, Mariey R, Gille O.

Spine (Phila Pa, 1976)

15 Avril 2017

Advantages and disadvantages of spinal deformity surgery in adults and its impact on quality of life related to health.

Yoshida G, Boissière L, Larrieu D, Bourghli A, Vital JM, Gille O, Pointillart V, Challier V, Mariey R, Pellisé F, Vila-Casademunt A, Perez-Grueso FJ, Alanay A, Acaroglu E, Kleinstück F, Obeid JE; ESSG, European Spine Study Group.

Spine (Phila Pa, 1976)

15 mars 2017

The Global Tilt : evaluation of a parameter considering the global spinopelvic alignment.

Obeid I, Bourghli A, Larrieu D, Laouissat F, Challier V, Pointillart V, Gille O, Vital JM, Senegas J, Boissière L.

J Med Liban. 64(3):146-51.

Juillet-Septembre 2016

Early reoperation after anterior cervical spine surgery: epidemiology and risk factors: a case-control study.

Boudissa M, Lebecque J, Boissière L, Gille O, Pointillart V, Obeid I, Vital JM.

Orthop Traumatol Surg Res.

Juin 2016

Local treatment of differentiated thyroid cancer's metastases.

Bonichon F, Acheter X, Godbert Y, Pointillart V, Henriques de Figueiredo B, Gangi A, J. Palussière

Ann Endocrinol (Paris)

Février 2015

Paralysis of conversion in the aftermath of a cervical spine arthroplasty: clinical case and review of the literature

M. Boudissa · J.E. Castelain · L. Boissière · R. Mariey · V. Pointillart · J.M. Vital

Revue de Chirurgie Orthopédique et Traumatologique

Septembre 2015

Endovascular embolization of a non-dominant vertebral artery, compressed by an osteophyte to prevent the recurrence of vertebrobasilar infarcts.

Thomas B, Barreau X, Pointillart V, Sibon I, Renou P.

J Stroke Cerebrovasc Dis.

Septembre 2015

More than ten years experience of a single institution in percutaneous image guided treatment of bone metastases of differentiated thyroid cancer.

Cazzato RL, Bonichon F, Acheter X, Godbert Y, de Figuereido BH, Pointillart V, Palussière J.

Eur J Surg Oncol.

Septembre 2015

Cervical balance: postoperative radiological changes in adult's scoliosis surgery.

Boissière L, Bernard J, Vital JM, Pointillart V, Mariey R, Gille O, Obeid I.

Eur Spine J.

Juillet 2015

Conversion paralysis after cervical spine arthroplasty: A case report and literature review

M Boudissa · J E Castelain · L Boissière · R Mariey · V Pointillart · J M Vital

Orthopaedics & Traumatology Surgery & Research.

Juillet 2015

The alignment of the cervical vertebral column after a subtraction osteotomy of the lumbar pedicle for a sagittal imbalance.

Obeid I, Boniello A, Boissière L, Bourghli A, Pointillart V, Gille O, Lafage V, Vital JM.

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.Over ten years of single-institution experience in percutaneous image-guided treatment of bone metastases from differentiated thyroid cancer.

Roberto Luigi Cazzato · Françoise Bonichon · Xavier Buy · Yann Godbert ·

Benedicte Henriques de Figuereido · Vincent Pointillart · Jean Palussière

European journal of surgical oncology: the journal of the European Society of Surgical Oncology and the British Association of Surgical Oncology.

Juin 2015

Cervical spine balance: postoperative radiologic changes in adult scoliosis surgery

Louis Boissière · Jean Bernard · Jean-Marc Vital · Vincent Pointillart · Rémi Mariey · Olivier Gille · Ibrahim Obeid

European Spine Journal

Mars 2015

Article: Local treatment of metastases from differentiated thyroid cancer

F. Bonichon · X. Buy · Y. Godbert · V. Pointillart · B. Henriques de Figueiredo · A. Gangi · J. Palussière

Annales d'Endocrinologie

Février 2015 ·

Management of major atlanto-axial instability secondary to lytic lesion of C2.

Bourghli A, Luc S, Obeid I, Guérin P, Gille O, Vital JM, Boissière L, Pointillart V.

Eur Spine J.

Janvier 2015

Cervical spine alignment following lumbar pedicle subtraction osteotomy for sagittal imbalance

Ibrahim Obeid · Anthony Boniello · Louis Boissière · Anouar Bourghli · Vincent Pointillart · Olivier Gille · Virginie Lafage · Jean-Marc Vital

Article European Spine Journal

Janvier 2015

Course of spinal osteochondromas

O. Gille · V. Pointillart · J.M. Vital

Intravertebral pseudomeningocele: An unusual complication after disc surgery

Xavier Buy · Nicolas Alberti · Vincent Pointillart · Hughes Loiseau · Jean Palussière

Nov 2014 · The Spine Journal

The role of percutaneous interventional radiology in the management of bone metastases in differentiated thyroid cancers

F. Bonichon · R.L. Cazzato · X. Buy · Y. Godbert · V. Pointillart · B. Henriques De Figueiredo · J. Palussière

Octobre 2014

Management of a major atlanto-axial instability secondary to a lytic lesion of C2

Anouar Bourghli · Stéphane Luc · Ibrahim Obeid · Patrick Guérin · Olivier Gille · Jean-Marc Vital · Louis Boissière · Vincent Pointillart
Aug 2014 · European Spine Journal

Intraspinal canal rod migration causing late-onset paraparesis 8 years after scoliosis surgery

Ibrahim Obeid · Jean-Marc Vital · Nicolas Aurouer · Steve Hansen · Nicolas Gangnet · Vincent Pointillart · Olivier Gille · Louis Boissière · Nasir A Quraishi
Jun 2014 · European Spine Journal

Does the restoration of lumbar lordosis after transpedicular osteotomy of subtraction modifies the static of the cervical spine ?

Féthi Laouissat · Ibrahim Obeid · Anouar Bourghli · Vincent Pointillart · Olivier Gille · Jean-Marc Vital
Revue de Chirurgie Orthopédique et Traumatologique
Novembre 2013

Vertebral echinococcosis leading to spinal cord compression.

Dauchy FA, Pointillart V, Malvy D.
Eur Spine J.
Mars 2013

The lumbosacral plexus: anatomic considerations for minimally invasive retroperitoneal transpsoas approach.

Guérin P, Obeid I, Bourghli A, Masquefa T, Luc S, Gille O, Pointillart V, Vital JM.
Surg Radiol Anat. 2012
Mars 2012

Multidisciplinary treatment and survival of patients with vertebral metastases from thyroid carcinoma.

Quan GM, Pointillart V, Palussière J, Bonichon F. Thyroid.
Février 2012

Sagittal alignment after single cervical disc arthroplasty.

Guérin P, Obeid I, Gille O, Bourghli A, Luc S, Pointillart V, Vital JM.
J Spinal Disord Tech.
Février 2012

Total vertebrectomy and spine shortening in the management of acute thoracic spine fracture dislocation: technical note and report of 3 cases.

Obeid I, Guérin P, Gille O, Gangnet N, Aurouer N, Pointillart V, Vital JM. J Spinal Disord Tech.
Juillet 2011

Surgery improves pain, function and quality of life in patients with spinal metastases: a prospective study on 118 patients.

Quan GM, Vital JM, Aurouer N, Obeid I, Palussière J, Diallo A, Pointillart V.
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26 Juin 2011

Eight-year clinical and radiological follow-up of the Bryan cervical disc arthroplasty.

Quan GM, Vital JM, Hansen S, Pointillart V.
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15 Avril 2011

Safe working zones using the minimally invasive lateral retroperitoneal transpsoas approach: a morphometric study.

Guérin P, Obeid I, Gille O, Bourghli A, Luc S, Pointillart V, Cursolle JC, Vital JM.
Surg Radiol Anat.
8 Mars 2011

Outcomes of palliative surgery in metastatic disease of the cervical and cervicothoracic spine.

Quan GM, Vital JM, Pointillart V.
J Neurosurg Spine. 2011 May14 :612-8. Epub 2011 Mar 4.
4 Mars 2011

Incidental durotomy during spine surgery: Incidence, management and complications. A retrospective review.

Guerin P, El Fegoun AB, Obeid I, Gille O, Lelong L, Luc S, Bourghli A, Cursolle JC, Pointillart V, Vital JM.
Injury.
18 Janvier 2011

Survival prognostic factors and clinical outcomes in patients with spinal metastases.

Pointillart V, Vital JM, Salmi R, Diallo A, Quan GM.

J Cancer Res Clin Oncol. 2011 May;137(5):849-56. Epub 2010 Sep 4.

Septembre 2010

Interventional radiology procedures in the treatment of bone metastasis.

Palussière J, Dixmierias F, Buy X, Descat E, Bonichon F, Debled M, Pointillart V, Gangi A.

Bull Cancer.

27 Octobre 2009

Computerized preoperative planning for correction of sagittal deformity of the spine.

Aurouer N, Obeid I, Gille O, Pointillart V, Vital JM.

Surg Radiol Anat.

14 Juillet 2009

Clinical evaluation of a lumbar interspinous dynamic stabilization device (the Wallis system) with a 13-year mean follow-up.

Sénégas J, Vital JM, Pointillart V, Mangione P.

Neurosurg Rev. 2009 Jul;32(3):335-41; discussion 341-2.

22 Avril 2009

Anterior approach to the cervicothoracic junction without sternotomy : a report of 37 cases.

Pointillart V, Aurouer N, Gangnet N, Vital JM.

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Décembre 2007

Long-term actuarial survivorship analysis of an interspinous stabilization system.

Sénégas J, Vital JM, Pointillart V, Mangione P.

Eur Spine J. 2007 Aug;16(8):1279-87.

Août 2007

Clinical significance of heterotopic ossification in cervical disc replacement: a prospective multicenter clinical trial. **Leung C, Casey AT, Goffin J, Kehr P, Liebig K, Lind B, Logroscino C, Pointillart V.**

Neurosurgery. 759-63; discussion 759-63.

Octobre 2005

Clinical significance of heterotopic ossification in cervical disc replacement: a prospective multicenter clinical trial.

Leung C, Casey AT, Goffin J, Kehr P, Liebig K, Lind B, Logroscino C, Pointillart V.

Neurosurgery. 57(4): 759-63; discussion 759-63
Octobre 2005

Course of spinal solitary osteochondromas

Gille O, Pointillart V, Vital JM.

Spine ;30(1):E13-9. Review.
Janvier 2005

Radiolucent cage for cervical vertebral reconstruction: a prospective study of 17 cases with 2-year minimum follow-up.

Söderlund CH, Pointillart V, Pedram M, Andrault G, Vital JM.

Eur Spine J. 2004 Dec;13 (8):685-90. Epub 2004 Jun 26.
2004

Intermediate follow-up after treatment of degenerative disc disease with the Bryan Cervical Disc Prosthesis: single-level and bi-level.

Goffin J, Van Calenbergh F, van Loon J, Casey A, Kehr P, Liebig K, Lind B, Logroscino C, Sgrambiglia R, Pointillart V.

Spine; 28 (24): 2673-8.
Décembre 2003

Course of Modic 1 six months after lumbar posterior osteosynthesis.

Vital JM, Gille O, Pointillart V, Pedram M, Bacon P, Razanabola F, Schaeelderle C, Azzouz S.

Spine; 28(7): 715-20
Avril 2003

Symptomatic neurological epidural metastasis with interleukin - 2 therapy in metastatic renal cell carcinoma.

Trufflandier N, Gille O, Palussière J, Prié L, Pointillart V, Ravaud A.

Tumori 88 : 338-40.
2002

Preliminary clinical experience with the Bryan Cervical Disc Prosthesis.

Goffin J, Casey A, Kehr P, Liebig K, Lind B, Logroscino C, Pointillart V, Van Calenbergh F, van Loon J.

Neurosurgery; 51(3): 840-5; discussion 845-7.
Septembre 2002

Cervical disc prosthesis in humans. First failure.

Pointillart V.

Spine Volum 26, Number 5, pp E90-E92. Lippincott Williams & Wilkins, Inc.

2001

Pharmacological therapy of spinal cord injury during the acute phase.

V. Pointillart, .M.E. Petitjean, L. Wiart, J. M. Vital, P. Lassié, M. Thicoipé, P. Dabadie.

Spinal Cord 38, 71-76;

2000

Hematorachis or spinal extradural hematoma (her) post-operative compressive.

Cabana, V. Pointillart, J. M. Vital, J. Sénégal.

F. Revue de chirurgie orthopédique et réparatrice de l'appareil moteur. 86, 335-345.

Juin 2000

Neurofibromatosis of the lower cervical spine: About an operated case.

Vadier F, Courjaud X, Pointillart V, Vital J.M.

Revue de chirurgie orthopédique 86, 737-740.

2000

Efficiency's evaluation of foraminal infiltrations of corticosteroids guided by computed tomography in the treatment of radiculagies by foraminal conflict.

Berger O, Dousset V, Delmer O, Pointillart V, Vital J.M, Caillé J.M.

J Radiol 1999;80:917,925.

1999

Reduction technique for uni and biarticular dislocations of the lower cervical spine.

Vital J.M, Gille O, Sénégal J, Pointillart V.

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1998

Paravertebral muscles and their role in spinal disease.

J.M Vital, M. Coquet, A. Cernier, V. Pointillart, J. Sénégal.

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1998

Complications of vertebral metastasis surgery.

H. Pascal-Moussellard, G. Broc, V. Pointillart, F. Simeon, J. M. Vital, J. Sénégal.

Eur Spine J 1997 : 438-444.

1997

√ **Books**

Métastases vertébrales. V. Pointillart, A. Ravaud, J. Palussière. Springer Verlag, Paris, mai 2001., re-edited 2007

Vertebral metastases. V. Pointillart, A. Ravaud, J. Palussière, Springer Verlag, Paris, mai 2002.

La myélopathie par cervicarthrose. Conférences d'enseignement de le SOFCOT 2005

Abord clinique des affections du rachis par le chirurgien, V. Pointillart, Springer Verlag, Paris, october 2008.