SWISS MEDICAL NETWORK



# Dr méd. Nicolas Villard

Radiologie (FMH) ; Radiologie interventionnelle ; Oncologie interventionnelle

## Langues

FR,EN,DE

## Formation

| | |
|---|---|
| 2019–2020 | Clinicat en radiologie interventionnelle vasculaire et oncologique (CHUV) |
| 2019 | Diplôme inter-universitaire (DIU) en “Imagerie digestive”, Angers, France |
| 2019 | Diplôme inter-universitaire (DIU) “Imagerie ostéo-articulaire”, Toulouse/Montpellier, France |
| 2018 | Diplôme inter-universitaire (DIU) “Imagerie de la femme”, Paris, France |
| 2018 | Clinicat en radiologie diagnostic (imagerie de la femme et imagerie urogénitale) (CHUV) |
| 2018 | Obtention du titre de spécialiste FMH en Radiologie |
| 2013–2018 | Spécialisation en Radiologie, Switzerland<br>• 2013-2016 : HUG, Geneva, Switzerland<br>• 2017 : HCL, Lyon, France<br>• 2018 : CLB, Lyon, France<br>• 2018 : CHUV, Lausanne, Switzerland |
| 2013 | Diplôme federal Suisse de Médecine humaine |
| 2010–2013 | Master en Médecine humaine, Université de Genève |
| 2007–2010 | Bachelor en Médecine humaine, Université de Genève |
| 2006 | Maturité Cantonale Suisse, Collège Claparède, Genève |

## Expérience professionnelle

| | |
|---|---|
| 2021–2026 | Médecin cadre en radiologie interventionnelle et en oncologie interventionnelle (CHUV) |

## Publications


1. Abellan C, Mouraux S, Janett S, von Garnier C, **Villard N**, Bongard C, Kinj R, Bernasconi M, Treglia G, Valenti A, Cappio S, Martucci F, Lovis A, Casutt A. Approaches for Lung Fiducial Markers Insertion in Stereotactic Body Radiotherapy: A Systematic Review and Meta-Analysis. J Bronchology Interv Pulmonol. 2026 Feb 25;33(2):e01061. doi: 10.1097/LBR.0000000000001061. PMID: 41738525.

2. Rigon PA, **Villard N**, Abid KA, Zingg T, Eimer S, Wuerzner G. Percutaneous Radiofrequency Ablation After Incomplete Adrenalectomy in a Lateralized Case of Primary Aldosteronism. JCEM Case Rep. 2025 Oct 29;3(12):luaf251. doi: 10.1210/jcemcr/luaf251. PMID: 41170025; PMCID: PMC12569595.

3. **Villard N**, Tsoumakidou G, Gay F, Rousset P, Passot G, Muller A, Dumortier J, Valette PJ, Milot L. Targeting the invisible: precision fiducial marker placement in poorly visible liver tumors prior to percutaneous ablation using real-time image fusion guidance. Front Radiol. 2025 Nov 20;5:1659739. doi: 10.3389/fradi.2025.1659739. PMID: 41357459; PMCID: PMC12675337.

4. Marcelin C, Ghelfi J, **Villard N**. Ethylene-vinyl alcohol copolymer-based non-adhesive liquid embolic agents in interventional radiology: A paradigm shift? Diagn Interv Imaging. 2025 Mar 21:S2211-5684(25)00046-4. doi: 10.1016/j.diii.2025.03.002. Epub ahead of print. PMID: 40121107.

5. Tsoumakidou G, Dolcan A, Voutsadakis I, Galli-Vareia I, Duran R, **Villard N**, Digklia A. Case series of Breast Desmoid Tumours Treated by Percutaneous Cryoablation. Cardiovasc Intervent Radiol. 2025 Apr;48(4):570-571. doi: 10.1007/s00270-025-04000-2. Epub 2025 Mar 4. PMID: 40038100.

6. Degrauwe N, Roulin D, Dunet V, Halkic N, Demartines N, Digklia A, **Villard N**, Denys A, Tsoumakidou G, Duran R. Percutaneous transhepatic recanalization of occluded prosthetic graft after pancreatoduodenectomy with venous reconstruction for pancreatic cancer. Front Oncol. 2025 Jul 17;15:1575481. doi: 10.3389/fonc.2025.1575481. PMID: 40746610; PMCID: PMC12310483.

7. Zhao Y, Becce F, Balmer R, do Amaral RH, Alemán-Gómez Y, Uldry E, Fraga M, Tsoumakidou G, **Villard N**, Denys A, Digklia A, Schaefer N, Duran R. Prognostic value of CT-based skeletal muscle and adipose tissue mass and quality parameters in patients with liver metastases and intrahepatic cholangiocarcinoma undergoing Yttrium-90 radioembolization. Eur Radiol. 2025 Mar;35(3):1415-1427. doi: 10.1007/s00330-025-11349-y. Epub 2025 Jan 21. PMID: 39838088; PMCID: PMC11835987.

8. Degrauwe N, Roulin D, Dunet V, Halkic N, Demartines N, Digklia A, **Villard N**, Denys A, Tsoumakidou G, Duran R. Percutaneous transhepatic recanalization of occluded prosthetic graft after pancreatoduodenectomy with venous reconstruction for pancreatic cancer. Front Oncol. 2025 Jul 17;15:1575481. doi: 10.3389/fonc.2025.1575481. PMID: 40746610; PMCID: PMC12310483.

9. Galli-Vareia I, Szturz P, Voutsadakis IA, **Villard N**, Tsoumakidou G, Fleury M, Herrera G, Fasquelle F, Godat S, Digklia A. Efficacy of 2 different fibroblast growth factor receptor-inhibitors in a patient with extrahepatic cholangiocarcinoma harboring an FGFR2 mutation: a case report. Oncologist. 2025 May 8;30(5):oyae294. doi: 10.1093/oncolo/oyae294. PMID: 40338217; PMCID: PMC12060712.

10. **Villard N**, Tsoumakidou G, Moldovan P, Rosset R , Rouvière O, Fassi-Fehri H, Pagnoux G. Giant prostatic hyperplasia in a 54-years old patient treated by prostate artery embolization: case report. Frontiers in Urology. 2024

11. Girardet R, Knebel JF, Dromain C, Vietti Violi N, Tsoumakidou G, **Villard N**, Denys A, Halkic N, Demartines N, Kobayashi K, Digklia A, Schaefer N, Prior JO, Boughdad S, Duran R. Anatomical Quantitative Volumetric Evaluation of Liver Segments in Hepatocellular Carcinoma Patients Treated with Selective Internal Radiation Therapy: Key Parameters Influencing Untreated Liver Hypertrophy. Cancers (Basel). 2024 Jan 30;16(3):586. doi: 10.3390/cancers16030586. PMID: 38339337; PMCID: PMC10854872.

12. Gravel G, Artru F, Gonzalez-Quevedo M, Tsoumakidou G, **Villard N**, Duran R, Denys A. Shunt dysfunction patterns after transjugular intrahepatic portosystemic shunt creation using a combination of a generic stent-graft and bare-stents. CVIR Endovasc. 2024 Jan 10;7(1):7. doi: 10.1186/s42155-023-00421-7. PMID: 38198025; PMCID: PMC10781922.

13. Tabotta F, Gnesin S, Dunet V, Ponti A, Digklia A, Boughdad S, Schaefer N, Prior JO, **Villard N**, Tsoumakidou G, Denys A, Duran R. 99mTc-macroaggregated albumin SPECT/CT predictive dosimetry and dose-response relationship in uveal melanoma liver metastases treated with first-line selective internal radiation therapy. Sci Rep. 2023 Aug 12;13(1):13118. doi: 10.1038/s41598-023-39994-7. PMID: 37573346; PMCID: PMC10423257.

14. Tabotta F, Gnesin S, Dunet V, Ponti A, Digklia A, Boughdad S, Schaefer N, Prior JO, **Villard N**, Tsoumakidou G, Denys A, Duran R. 99mTc-macroaggregated albumin SPECT/CT predictive dosimetry and dose-response relationship in uveal melanoma liver metastases treated with first-line selective internal radiation therapy. Sci Rep. 2023 Aug 12;13(1):13118. doi: 10.1038/s41598-023-39994-7. PMID: 37573346; PMCID: PMC10423257.

15. **Villard N**, Meuwly JY, Righini M, Alberti N, Habre C. Renal peripelvic lymphangiectasia after bilateral renal vein thrombosis. BMJ Case Rep. 2022 Jul 20;15(7):e245666. doi: 10.1136/bcr-2021-245666. PMID: 35858735; PMCID: PMC9305717.

16. Vietti Violi N, Hajri R, Haefliger L, Nicod-Lalonde M, **Villard N**, Dromain C. Imaging of Oligometastatic Disease. Cancers (Basel). 2022 Mar 10;14(6):1427. doi: 10.3390/cancers14061427. PMID: 35326586; PMCID: PMC8946296.

17. Vermersch M, Denys A, Artru F, Tsoumakidou G, **Villard N**, Duran R, Hocquelet A. Transhepatic tract hemostasis using thermal-ablation after percutaneous portal vein access. BJR Case Rep. 2021 Sep 29;8(1):20210080. doi: 10.1259/bjrcr.20210080. PMID: 35136636; PMCID: PMC8803226.

18. Image-guided marking techniques in interventional radiology: A review of current evidence. Tsoumakidou G, Saltiel S, **Villard N**, Duran R, Meuwly J-Y, Denys A. Diagn Interv Imag. 2021 Dec;102(12):699-707. doi: 10.1016/j.diii.2021.07.002. Epub 2021 Aug 18.

19. Radiofrequency Ablation to Control Bleeding from a Percutaneous Intrahepatic Puncture Tract of a Large Diameter Portal Vein: A Simple and Rapid Solution to a Potentially Life-Threatening Bleeding. Vermersch M, Duran R, Vietti Violi N, **Villard N**, Tsoumakidou G, Denys A, Hocquelet A. Cardiovasc Intervent Radiol. 2020 Nov;43(11):1725-1727. doi: 10.1007/s00270-020-02598-z. Epub 2020 Jul 29.

20. A New Clinically Driven Classification for Acute Aortic Dissection. Qanadli SD, Malekzadeh S, **Villard N**, Jouannic AM, Bodenmann D, Tozzi P, Rotzinger DC. Front Surg. 2020 Jun 23;7:37. doi: 10.3389/fsurg.2020.00037. eCollection 2020.

21. [Computer instruments for the management of isolated pulmonary nodule. Detectability and prediction of malignancy]. Vremaroiu P, Chassagnon G, Casutt A, Noirez L, Bernasconi M, **Villard N**, Nicod L, Beigelman-Aubry C, Lovis A. Rev Med Suisse. 2019 Nov 13;15(671):2092-2097.

22. Imaging features of SMARCA4-deficient thoracic sarcomas: a multi-centric study of 21 patients. Crombé A, Alberti N, **Villard N**, Pilleul F, Buy X, Le Loarer F, Kind M. Eur Radiol. 2019 Sep;29(9):4730-4741. doi: 10.1007/s00330-019-06017-x. Epub 2019 Feb 14.

23. [Extra-pleural hematoma: The extra-pleural fat sign]. Chau THT, Lamblin A, Graille I, Cabet S, **Villard N**, Crombe A, Vignoli P, Alberti N.Rev Pneumol Clin. 2018 Feb;74(1):58-59. doi: 10.1016/j.pneumo.2017.07.005. Epub 2017 Oct 18.

## Affiliations

- Société Suisse de Radiologie (SSR)
- Société Suisse de Radiologie Interventionnelle et vasculaire (SSVIR)
- Cardiovascular and Interventional Radiological Society of Europe (CIRSE)
- Société française de radiologie (SFR)
- Société française d'imagerie interventionnelle et cardiovasculaire (SFICV)
- Cercle des radiologues interventionnels de Suisse Romande (CRIR)

## Accréditation

Clinique Générale-Beaulieu

Centre Médical Eaux-Vives

Clinique de Genolier

Clinique de Montchoisi

## Spécialités

Radiologie

Radiologie interventionnelle

## Contactez-nous

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