



### Sclerosing Angiomatoid Nodular Transformation (SANT) of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3421142>

Jul 07, 2012 - **Sclerosing Angiomatoid Nodular Transformation (SANT) of the spleen** is a rare benign vascular lesion with extensive **sclerosis** first described by Martel and colleagues in 2004. 1 In this paper we **report** a case of **SANT of the spleen** managed at our institution, and present a review of 97 other **cases** found in the literature.

**Cited by:** 31 **Author:** Gavin A. Falk, Nishank P. Nooli, Gareth ...

**Publish Year:** 2012

### Sclerosing angiomatoid nodular transformation (SANT) of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6726169>

Jan 31, 2019 - **Sclerosing angiomatoid nodular transformation (SANT) of the spleen** has been described for the first time as a distinct pathological entity in 2004 by Martel et al. Macroscopically, **SANT** is a well-demarcated solitary mass composed of dense fibrous stroma containing red-brown nodules.

### Sclerosing angiomatoid nodular transformation of the ...

<https://www.sciencedirect.com/science/article/pii/S1930043318303807>

**Sclerosing Angiomatoid Nodular Transformation (SANT)** is a benign vascular lesion of the **spleen** initially described for its characteristic morphologic features and distinctive immunohistochemistry profile by Martel et al. in 2004 . Since this initial description, fewer than 200 **cases** have been reported.

**Author:** Cory Gooch, Ayman H. Gaballah, Just... **Publish Year:** 2019

### [PDF] Sclerosing angiomatoid nodular transformation (SANT) ...

<https://www.birpublications.org/doi/pdf/10.1259/bjrcr.20180036>

**Sclerosing angiomatoid nodular transformation (SANT) of the spleen** has been described for the first time as a distinct patho-logical entity in 2004 by Martel et al. Macroscopically, **SANT** is a well-demarcated solitary mass composed of dense fibrous stroma containing red-brown nodules. Microscopically, the main findings are multiple angio-

**Author:** D-Feng Wang, David G. ... **Publish Year:** 2019

[https://www.researchgate.net/publication/330147956\\_Sclerosing\\_angiomatoid\\_nodular\\_transformation\\_SANT\\_of\\_the\\_spleen\\_a\\_case\\_report\\_on\\_CT\\_and\\_MR\\_imaging](https://www.researchgate.net/publication/330147956_Sclerosing_angiomatoid_nodular_transformation_SANT_of_the_spleen_a_case_report_on_CT_and_MR_imaging)

### Sclerosing angiomatoid nodular transformation (SANT) of ...

[https://www.researchgate.net/publication/330147956\\_Sclerosing\\_angiomatoid\\_nodular...](https://www.researchgate.net/publication/330147956_Sclerosing_angiomatoid_nodular...)

**Sclerosing angiomatoid nodular transformation (SANT) of the spleen**, a newly defined primary lesion

1

2 **Sclectrosing angiomatoid nodular transformation of the spleen-a rare cause for**  
3 **splenectomy: Two case reports**

4 Sophia Chikhladze, Ann-Kathrin Lederer, Stefan Fichtner-Feigl, Uwe A Wittel, Martin  
5 Werner, Konrad Aumann

6

7 **Abstract**

8 **BACKGROUND**

9 Sclectrosing angiomatoid nodular transformation (SANT) is a rare benign disease of the  
10 spleen with unknown origin. Clinical symptoms are inhomogeneous, and suspicious  
11 splenic lesion often incidentally found leading to splenectomy as malignancy cannot  
12 securely be ruled out. Diagnosis is made histologically after resection.

13

14 **CASE SUMMARY**

15 Two cases of German white, non-smoking and non-drinking patients of normal weight  
16 are presented. The first one is a 26-year-old man without medical history who was  
17 exhibiting an undesired weight loss of 10 kg and recurring vomiting for about 18 mo.  
18 The second one is a 65-year-old woman with hypertension who had previously under  
19 gone gynecological surgery, suffering from a lasting feeling of abdominal fullness.  
20 Both showed radiologically an inhomogeneous splenic lesion leading to splenectomy  
21 approximately 6 and 9 wk after surgical presentation. Both diagnoses of SANT were  
22 made histologically. Follow-up went well and both were treated according to the  
23 recommendation for asplenic patients.

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<https://www.sciencedirect.com/science/article/pii/S1930043318303807>

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Author: Cory Gooch, Ayman H. Gaballah, Jus... Publish Year: 2019

## Sclerosing angiomatoid nodular transformation (SANT) of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4984319>

Sclerosing angiomatoid nodular transformation (SANT) of the spleen is a rare, benign vascular tumor . Although computed tomography (CT) imaging and magnetic resonance imaging (MRI) features of SANT have been reported ( 2 – 5 ), we found only 10 cases in the English literature ( 6 – 12 ) of 18F-fluorodeoxyglucose (FDG) positron emission ...

Cited by: 4

Author: Yumi Imamura, Reiko Nakajima, Kazuha ...

Publish Year: 2016

## Sclerosing angiomatoid nodular transformation of the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3516950>

Dec 20, 2011 · Sclerosing angiomatoid nodular transformation (SANT) of the spleen is a rare benign vascular lesion, first described in the literature under this name in 2004 [1, 2]. This rarely reported benign tumour is characterized by nodular vascular proliferation of the red pulp with prominent fibrosis . Its aetiology is generally unknown.

Cited by: 12

Author: Andrzej Budzyński, Sergiusz Demczuk, ...

Publish Year: 2011

## Sclerosing angiomatoid nodular transformation of the ...

<https://casereports.bmj.com/content/12/9/e229757>

Sep 01, 2019 · Sclerosing angiomatoid nodular transformation of the spleen (SANT) is a rare benign non-neoplastic splenic affliction of unknown aetiology that was first reported by Martel et al.1 It usually involves middle aged adults with a slight female preponderance.2–4 SANT is often asymptomatic and an incidental finding on imaging.

Author: Jiaying Liao, Aya Musbahi, Kaushik D... Publish Year: 2019



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## Sclerosing angiomatoid nodular transformation of the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4950498>

Jun 15, 2016 · Introduction. Sclerosing angiomatoid nodular transformation of the spleen (SANT) is an extremely rare benign lesion of the spleen (1,2), which was first characterized by Martel et al in 2004. To date, a total of 133 cases of SANT have been reported in the English literature; however, the exact incidence rate remains unclear.

Cited by: 6

Author: Tian-Bao Wang, Bao-Guang Hu, Da-Wei ...

Publish Year: 2016

## Sclerosing angiomatoid nodular transformation of the ...

<https://www.sciencedirect.com/science/article/pii/S1930043318303807>

Sclerosing Angiomatoid Nodular Transformation (SANT) is a benign vascular lesion of the spleen initially described for its characteristic morphologic features and distinctive immunohistochemistry profile by Martel et al. in 2004. Since this initial description, fewer than 200 cases have been reported.

Author: Cory Gooch, Ayman H. Gaballah, Jus... Publish Year: 2019

## Sclerosing Angiomatoid Nodular Transformation of the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6548910>

May 15, 2019 · Sclerosing angiomatoid nodular transformation (SANT) of the spleen is an extremely rare benign lesion. We herein report a case of asymptomatic SANT of the spleen in a middle-aged woman with early breast carcinoma and an undiagnosed splenic mass, which was successfully treated by laparoscopic splenectomy and diagnosed postoperatively.

## Sclerosing angiomatoid nodular transformation of the ...

<https://casereports.bmj.com/content/12/9/e229757> ▾

Sep 01, 2019 · Sclerosing angiomatoid nodular transformation of the spleen (SANT) is a rare benign non-neoplastic splenic affliction of unknown aetiology that was first reported by Martel et al.<sup>1</sup> It usually involves middle aged adults with a slight female preponderance.<sup>2–4</sup> SANT is often asymptomatic and an incidental finding on imaging.

Author: Jiaying Liao, Aya Musbahi, Kaushik D... Publish Year: 2019

## Sclerosing angiomatoid nodular transformation of the ...

<https://journals.sagepub.com/doi/full/10.4081/rt.2010.e46>

Sep 01, 2010 · Sclerosing angiomatoid nodular transformation (SANT) is a relatively new diagnosis