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**Manuscript NO:** 53494

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Study*

**Incidental anal <sup>18</sup>fluorodeoxyglucose uptake: Should we further examine the patient?**

Moussaddaq AS *et al.* Incidental anal <sup>18</sup>FDG uptake

Anne-Sophie Moussaddaq, Charlene Brochard, Xavier Palard-Novello, Etienne Garin, Timothée Wallenhorst, <sup>12</sup>Eric Le Balc'h, Alexandre Merlini L'heritier, Thomas Grainville, Laurent Siproudhis, Astrid Lievre

**Abstract**

BACKGROUND

There are no studies on incidental anal <sup>18</sup>F-fluorodeoxyglucose (<sup>18</sup>FDG) uptake

### Match Overview

1	Crossref 169 words Eugénie Rigault, Laurence Lenoir, Guillaume Bouguen, Mael Pagenault et al. "Incidental colorectal focal <sup>18</sup> F-FDG..."	4%
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### Incidental gastrointestinal 18F-Fluorodeoxyglucose uptake ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4668630>

In this series, 23 % of patients (52/230) assessed by PET/CT imaging for lung cancer exhibited incidental GIT FDG-uptake. Thirty-three (63.5 %) of these patients presented diffuse uptake and 19 (36.5 %) presented focal uptake. Further investigations were performed in 12 of the 52 patients with incidental ...

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Publish Year: 2015

### Incidental gastrointestinal 18 F-Fluorodeoxyglucose uptake ...

<https://bmcpulmed.biomedcentral.com/articles/10.1186/s12890-015-0152-6>

Dec 02, 2015 · The objectives of this retrospective study were to evaluate incidental 18 F-FDG uptake in the GIT observed in a patient population assessed by PET/CT for staging or restaging of lung cancer and to assess the clinical significance of these unexpected findings.

Cited by: 1 Author: Juliette Vella-Boucaud, Dimitri Papathanas...

Publish Year: 2015

### Incidental gastrointestinal 18F-Fluorodeoxyglucose uptake ...

<https://link.springer.com/article/10.1186/s12890-015-0152-6>

18 F-FDG PET/CT was performed in 230 patients with lung cancer between January 2011 and January 2014. Incidental FDG uptake in the GIT was reported in 52 of these patients, representing a prevalence of 22.6 % (Fig. 1). Patient characteristics are described in Table 1. The mean age was 66 ± 9 years in the PET/CT GIT positive group and 62 ± 10 years in the PET/CT GIT negative group (p < 0.05).

Cited by: 1 Author: Juliette Vella-Boucaud, Dimitri Papathanas...

Publish Year: 2015

### (PDF) Incidental uptake of 18F-fluorodeoxyglucose in the ...

<https://www.researchgate.net/publication/265177302...>

For incidental 18 F-FDG uptake in the pituitary, if lesion features cannot be assessed and the patient has normal life expectancy, MRI pituitary examination should be performed to better...

### Incidental Colonic (18)F-Fluorodeoxyglucose Uptake: Do We ...

<https://www.researchgate.net/publication/230658078...>

Incidental colorectal uptake of [(18)F]FDG was seen in 144 (2.4%) patients, of whom 64 (1.1%) had focal uptake; 48 out of these 64 patients underwent colonoscopy, which showed malignant tumours in ...

### Factors influencing incidental 18F-FDG uptake in the ...

<https://www.sciencedirect.com/science/article/pii/S0899707120300140>

May 01, 2020 · In summary, we found that incidental gallbladder uptake in a patient with no specific symptoms is independent of the injected FDG dose, injection-to-scan interval or gallbladder volume, but may be related to the blood glucose level at the time of scanning. More dedicated studies should be performed to better understand this correlation.

### Incidental Detection of Temporary Focal FDG Retention in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4043024>

Although many cases of high FDG uptake mimicking malignancy have been reported, temporary FDG uptake of normal spleen has not been reported previously. We report herein a phenomenon of temporary intense focal FDG uptake of normal spleen without evidence of metastasis in a 46-year-old woman with a history of anal cancer. (Figs. 1 and 2)

### Case: Incidental 18F-fluorodeoxyglucose-positron emission ...

[europepmc.org/abstract/MED/28761596](https://europepmc.org/abstract/MED/28761596)

Jul 11, 2017 · Patients with incidental 18F-FDG PET/CT prostate uptake should be referred to urologists for evaluation.

### Incidental colorectal FDG uptake on PET/CT scan and ...

<https://link.springer.com/article/10.1007/s10151-017-1652-6>

Jun 15, 2017 · Incidental colorectal FDG uptake, as evaluated by subsequent colonoscopy, often reveals neoplastic lesions. Predominantly, lesions were located at the same location as FDG uptake. Further investigation is warranted before recommending that incidental colorectal FDG uptake should always result in referral to diagnostic colonoscopy.

### Surgical strategy in abnormally increased Fluorine-18 ...

<https://www.sciencedirect.com/science/article/pii/S2210261214001448>

Jan 01, 2014 · Positron emission computed tomography (PET/CT) using fluorine-18-fluorodeoxyglucose (FDG) provides information on tissue metabolic activity and can help in the differential diagnosis. We report a case of esophageal submucosal tumor that showed a markedly increased FDG uptake on initial preoperative workup PET/CT.

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### [Incidental gastrointestinal 18F-Fluorodeoxyglucose uptake ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4668630>

In this series, 23 % of **patients** (52/230) assessed by PET/CT imaging for lung cancer exhibited **incidental** GIT FDG-**uptake**. Thirty-three (63.5 %) of these **patients** presented diffuse **uptake** and 19 (36.5 %) presented focal **uptake**. **Further** investigations were performed in 12 of the 52 **patients** with **incidental** GIT findings.

**Cited by:** 1**Author:** Juliette Vella-Boucaud, Dimitri Papathana...**Publish Year:** 2015

### [Incidental gastrointestinal 18 F-Fluorodeoxyglucose uptake ...](#)

<https://bmcpulmmed.biomedcentral.com/articles/10.1186/s12890-015-0152-6>

Dec 02, 2015 - **Patient** characteristics. 18 F-FDG PET/CT was performed in 230 **patients** with lung cancer between January 2011 and January 2014. **Incidental** FDG **uptake** in the GIT was reported in 52 of these **patients**, representing a prevalence of 22.6 % (Fig. 1). **Patient** characteristics are described in Table 1. The mean age was 66 ± 9 years in the PET/CT GIT positive group and 62 ± 10 years in the ...

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### [The Significance and Management of Incidental \[F-18 ...](#)

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The presence of primary or secondary malign lesion is diagnosed in 34.1% of **the patients** who are found to have **incidental** focal FDG **uptake** within thyroid gland in PET/CT scans, but **we** suggest that ...

### [Incidental Colonic \(18\)F-Fluorodeoxyglucose Uptake: Do We ...](#)

<https://www.researchgate.net/publication/230658078...>

**Incidental** colorectal **uptake** of [(18)F]FDG was seen in 144 (2.4%) **patients**, of whom 64 (1.1%) had focal **uptake**; 48 out of these 64 **patients** underwent colonoscopy, which showed malignant tumours in ...

### [Incidental focal colonic lesions found on ...](#)

<https://www.researchgate.net/publication/51561403...>

**Incidental abnormal colonic uptake** of (18)FDG, determined by a **PET/CT scan** requires definitive **colonic investigation in patients** suitable for **further treatment** because significant colonic pathology...