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# Incidence of cancer diagnosis and cancer care before and after the COVID-19 pandemic in French Polynesia TEAHUPOO study

E. Hirigoyen<sup>1</sup>, N. Epailard<sup>2</sup>, M. Chastenet<sup>3</sup>, R. Herve<sup>4</sup>, J.-P. Dutin<sup>4</sup>, P. Gustin<sup>5</sup>, L. Mahjoubi<sup>6</sup>

<sup>1</sup>Medical oncology, CHU Poitiers - Jean Bernard Hôpital, Poitiers, France,

<sup>2</sup>Medical oncology, Institut Gustave Roussy, Villejuif, Cedex, France,

<sup>3</sup>Medical Oncology, Centre Leon Berard, Lyon, France,

<sup>4</sup>Medical oncology, CHPF - Centre Hospitalier de Polynésie Française - Site du Taaone-Pirae, Papeete, French Polynesia,

<sup>5</sup>Radiotherapy, CHPF - Centre Hospitalier de Polynésie Française - Site du Taaone-Pirae, Papeete, French Polynesia,

<sup>6</sup>Early Drug Development Department, Gustave Roussy Cancer Campus, Villejuif, France

## Background

- Cancer care in French Polynesia has been deprioritized during severe acute respiratory syndrome coronavirus 2 (SARS CoV2) pandemic due to the urgent necessity to reorganize health care systems to fight this crisis and patients (pts) were more reluctant to visit medical doctors, fearful about exposure to the virus or not wanting to disturb a saturated health system.

## Objective

- We aimed to assess the incidence of cancer diagnosis and cancer care during the Covid-19 2020 period compared to the same period in 2019 (before covid) and in 2021 (after covid).

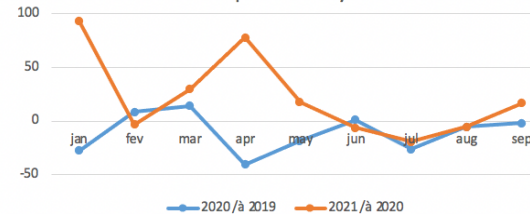
## Methods

- We retrospectively collected data from January 2019 to September 2021 regarding pts visits, treatments (ttt) administrations in oncology and radiotherapy outpatient wards, at the Taaone University Hospital Center of French Polynesia.

## Results

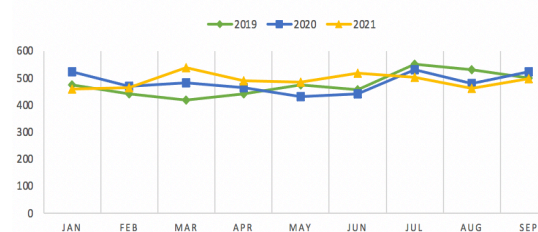
### ONCOLOGY ACTIVITY

New oncology consultation variation in 2020 and 2021 compare to the year before



Regarding the oncology activity, we observed for the newly diagnosed pts, a decrease of 13.6% from January to September 2020 compared to the same period in 2019; and an increase after the first wave with +14.2%, from January to September 2021 compared to 2020.

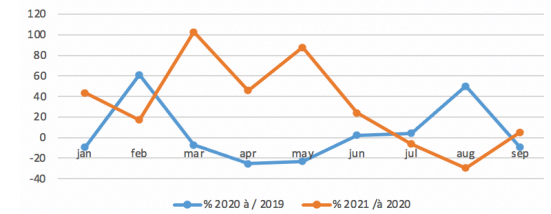
CHEMOTHERAPY SESSIONS FROM JANUARY TO SEPTEMBER IN 2019, 2020 AND 2021



We did not observe any major impact of the crisis on ttt administrations in oncology outpatients. There was a +1.3% of activity from January to September 2020 compared to 2019 and a +1.5% from January to September 2021 compared to 2020.

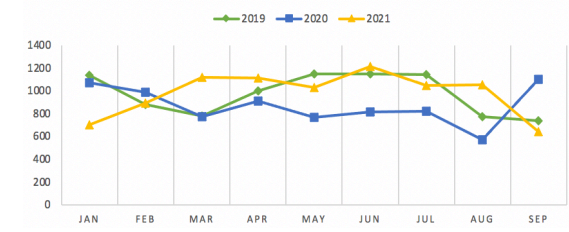
### RADIOTHERAPY ACTIVITY

New radiotherapy consultations variation in 2020 and 2021 compare to the year before



Regarding the radiotherapy activity, the newly diagnosed pts visits increased of +2.5% from January to September 2020 compared to the same period in 2019; and increased of +21% from January to September 2021 compared to the same period in 2020.

RADIOTHERAPY SESSIONS FROM JANUARY TO SEPTEMBER IN 2019, 2020 AND 2021



The ttt in radiotherapy outpatient wards decreased of -11% in 2020 (from January to September 2020 compared to 2019) and increased of +11% in 2021

## CONCLUSION

- The covid 19 crisis had an impact in French Polynesia on the oncology and radiotherapy visits for the newly diagnosed patients, with more patients diagnosed after covid; while ttt administrations in oncology and radiotherapy stayed stable.

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**COIs:** E Hirigoyen has no conflict of interest

**Contact:** Linda Mahjoubi, MD  
linda.mahjoubi@gustaveroussy.fr