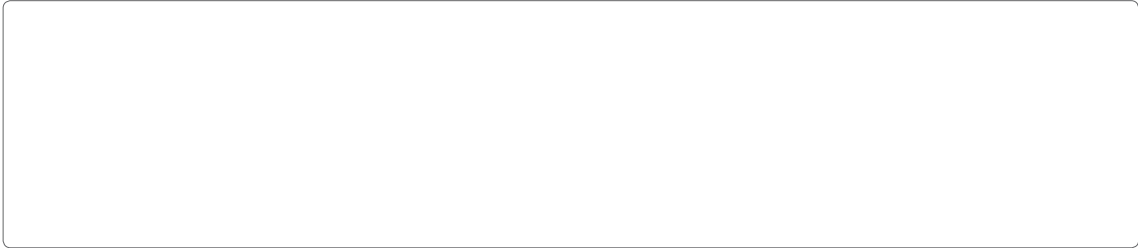




# Rare Presentation of Renal Squamous Cell Carcinoma as Pyo-Nephrot C考手



**Keywords:** Squamous cell carcinoma; Pyonephrosis; Radical nephrectomy

~~Full text available at: [https://doi.org/10.1515/cns-2023-0012](#)~~

## Case Report

A 35-year lady presented, with complaints of dull-aching pain ~~in the right flank region for the past 3 months. She also reported weight loss and hematuria.~~ hematuria/right 5 (regrht i was )0.5o7e )][TJ0998 Tw T\*h Histortg5 y oto

---

\*Corresponding author: Marya Branco, Department of Radiology, State University of Campina, Brazil, E-mail: [marya45@gmail.com](mailto:marya45@gmail.com)

**Received:** 1-Mar-2023, Manuscript No: cns-23-87652; **Editor assigned:** 04-Mar-2023, Pre-QC No: cns-23-87652 (PQ); **Reviewed:** 18-Mar-2023, QC No: cns-23-87652; **Revised:**

malignancy has very poor prognosis with a 5-year survival rate <10% [4].

N Talwar<sup>1</sup> et al in 2006, reported the case of a 69-year-old gentleman who had presented with features of pyo-nephrosis and underwent nephrectomy, the postoperative histological report suggested an unsuspected squamous cell carcinoma of renal pelvis with a concomitant pyo-nephrosis.

Yavuz Güler [5] et al reported a SCC of an ectopic nonfunctional pelvic kidney in 73-year-old Caucasian women with no predisposing factor.

Amirreza Fotovat [6] et al reported primary squamous cell carcinoma of renal parenchyma with nephrolithiasis in a 49-year-old woman presenting with complaints of pyelonephritis, radiological findings favored of xantho-granulomatous pyelonephritis. Histological findings revealed the involvement of kidney by malignancy.

Our reporting of this case highlights the importance of awareness of a very rare and aggressive carcinoma in a patient with the rarity of this tumor in the absence of renal calculi and its association with clinical presentation as pyo-nephrosis.

## Conclusion

Renal squamous cell carcinoma is a very rare cancer and generally associated with nephrolithiasis. Rarely renal SCC associated with pyo-nephrosis. This case of 35-year-old lady is probably unique as it showed renal SCC may be present in pyo-nephrotic kidney without Nephrolithiasis.

## Declaration

### Funding

No funding sources

### Conflict of interests

None declared

### Ethical approval

Not acquired

## References

1. Talwar N, Dargan P, Arora MP, Sharma A, Sen AK (2006) Primary squamous cell carcinoma of the renal pelvis masquerading as pyonephrosis : a case report. *Indian J Pathol Microbiol* 49:418-420.
2. Sahoo TK, Das SK, Mishra C, Dhal I, Nayak R, et al. (2015) Squamous cell carcinoma of kidney and its prognosis: a case report and review of the literature. *Case Rep Urol* 469327.
3. Garfield K, LaGrange CA (2021) Renal cell cancer. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 [cited 2021 Sep 10].
4. Jongyotha K, Sriphrapradang C (2015) Squamous cell carcinoma of the renal pelvis as a result of long-standing staghorn calculi. *Case Rep Oncol* 8:399-404.
5. Guler Y