

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 57048

**Title:** Hyperprolactinemia due to pituitary metastasis: A case report

**Reviewer's code:** 03709972

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Taiwan

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-23

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2020-08-17 06:39

**Reviewer performed review:** 2020-08-17 09:08

**Review time:** 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## **SPECIFIC COMMENTS TO AUTHORS**

#1. CASE PRESENTATION “had lost 10 kg body weight within the last 3 months.” >> Please also provide the baseline body weight so the readers can calculate the percentage of body weight loss which is an important prognostic marker for lung cancer patients [Ann Oncol . 2015 Feb;26(2):278-88] #2. Discussion “pituitary are that of breast and lung [5,7].” >> or “pituitary are that of breast and lung [5-7].”? #3. Discussion “The most common cancers metastasizing to the pituitary are that of breast and lung [5,7]. ... is used as a diagnostic criteria for prolactinoma [11]).” >> or “The most common cancers metastasizing to the pituitary are that of breast and lung [5,7]. ... is used as a diagnostic criteria for prolactinoma [8]).”? #4. Discussion “As shown in Table 2” >> or, “As shown in Table 2 [8,9,10,12]”? . Please also clarify how the studies in table 2 were identified. Were the authors performed a systematic review by themselves? If that is the case, please report in the manuscript. #5. ref-2=ref-7= J Neurooncol. 2016;126(2):219–224 [ie, duplicated] #6. Please clarify the gender “A 53-year-old male patient was admitted in our department ” & “The author would like to thank the patient for agreeing and providing her medical history.” #7. please document the staging of this patient [T2N0M1b?] #8. please document the performance status of the patient as this is another important prognostic marker for lung cancer patients [Ann Oncol . 2015 Feb;26(2):278-88] #9. please clarify the molecular status [EGFR, ALK, PDL1, ROS1, BRAF, See Annals of Oncology 29 (Supplement 4): iv192–iv237, 2018] #10. if tumor markers [such as carcinoembryonic antigen, CEA] had been checked, please report.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 57048

**Title:** Hyperprolactinemia due to pituitary metastasis: A case report

**Reviewer's code:** 01206373

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-23

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2020-08-17 05:13

**Reviewer performed review:** 2020-08-24 02:00

**Review time:** 6 Days and 20 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## **SPECIFIC COMMENTS TO AUTHORS**

This is a case report of a 53-year-old man with pituitary metastasis from pulmonary adenocarcinoma. He developed hypothyroidism excluding hyperprolactinemia because of the metastatic tumor. This is an interesting and rare case. It is informative and will give useful information to readers. However, there are some problems that the authors should clarify and revise as mentioned in the comments below.

1. Case presentation Subheadings, such as Chief complaints, History of present illness, History of past illness..., waste limited space. I suggest deleting these headings and writing continuously.
2. Outcome and follow-up Did this patient undergo pathological examination of the lung tumor at their or local hospital? If he did it, please show the findings.
3. Discussion This patient had hyperprolactinemia. Was there any possibility that the function of the hypothalamus to suppress prolactin secretion was disturbed by the metastatic tumor? If there was even a little, it may be mentioned in the discussion section.
4. Figure 1 These images are too small to distinguish the intracranial structures. Please replace them with magnified ones.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 57048

**Title:** Hyperprolactinemia due to pituitary metastasis: A case report

**Reviewer's code:** 03976790

**Position:** Editorial Board

**Academic degree:** DSc, PhD

**Professional title:** Emeritus Professor

**Reviewer's Country/Territory:** France

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-05-23

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2020-08-17 08:19

**Reviewer performed review:** 2020-08-25 09:27

**Review time:** 8 Days and 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

#### **SPECIFIC COMMENTS TO AUTHORS**

Comments on the manuscript: "Hyperprolactinemia due to pituitary metastasis: a case report and literature review" Metastasis of pituitary tumor is rare. In this manuscript, the authors present a rare case of hyperprolactinemia caused by pituitary metastasis. This manuscript is well presented and useful. I have a few minor points to make before considering its publication. Page 5, Imaging examination, at the end of the first paragraph: write "figure 1 C and D", instead "Figure C and D". Page 7: Outcome and follow-up. It would be useful to have some specification about immunohistochemical study. - what was the fixative, - what was the method used (indirect, I guess), - what were the Antibodies 1, Antibodies 2 used, - what was method of staining: peroxidase with DAB, other... - what were performed the negative control. Figure 2: a scale bar added to the image would be useful and more accurate than the magnification of the lens used shown in the legend.