

ICMJE DISCLOSURE FORM

Date: 2021/03/26

Your Name: Kenij Karako

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
Time frame: Since the initial planning of the work			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	None	
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	
6	Payment for expert testimony	None	
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Kenij Karako has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Yuichiro Mihara

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	Japan society for the promotion of science	JSPS KAKENHI 20K20214
		Japan surgical society	106th annual congress of JSS Memorial Surgical Research Fund
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
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11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Yuichiro Mihara reports support from JSPS KAKENHI [20K20214] and a grants-in-aid of the 106th annual congress of JSS Memorial Surgical Research Fund (Tokyo, Japan).

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Junichi Arita

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Junichi Arita has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: **2021/03/24**
 Your Name: **Akihiko Ichida**
 Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture
 Manuscript number (if known): **HBSN-21-43**

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11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Akihiko Ichida has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Sung Kwan Bae

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Sung Kwan Bae has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Yoshikuni Kawaguchi

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Yoshikuni Kawaguchi has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Takeaki Ishizawa

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Takeaki Ishizawa has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Nobuhisa Akamatsu

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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13	Other financial or non-financial interests	None	

Please summarize the above conflict of interest in the following box:

Dr. Nobuhisa Akamatsu has no conflict of interest to declare.

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Junichi Kaneko

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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ICMJE DISCLOSURE FORM

Date: 2021/03/24

Your Name: Kiyoshi Hasegawa

Manuscript Title:

Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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ICMJE DISCLOSURE FORM

Date: 2021/03/26

Your Name: Yu Chen

Manuscript Title: Automated liver tumor detection in abdominal ultrasonography with a modified Faster R-CNN architecture

Manuscript number (if known): HBSN-21-43

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Dr. Yu Chen has no conflict of interest to declare.

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