

Discloser Identifier: AJNR-23-00207-2143211

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Biogen, Inc.	Other	
<i>Category:</i> Other		
General Electric	Grant / Contract	
ISMRRM	Fiduciary Officer	
<i>Official Title:</i> Member Board of Directors		
Subtle Medical	Other Business Ownership	Yes
<i>Form of Business Description:</i> co-founder, equity		

Intellectual Property

Type	Is Licensed	Relevant to this Disclosure
Other Intellectual Property - royalties	-	
<i>Description:</i> royalties <i>Type:</i> royalties		
Patent - Multiple deep learning patents	Yes	Yes
<i>Description:</i> Multiple deep learning patents <i>Patent Status:</i> Issued <i>Patent Holder:</i> Current Institution <i>Licensees:</i>		
Licensee	Title	Date
Subtle Medical	Subtle Medical	05/01/2018

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Ethical Considerations and Fairness in the Use of Artificial Intelligence for Neuroradiology

3. **What is the Manuscript Identifying Number (if you know it)?**

4. **Please select which of the following apply to each relationship or activity:**

a. **Other Professional Activities - Other** Biogen, Inc.

Neither

b. **Fiduciary Officer** ISMRM

Neither

c. **Grant / Contract** General Electric

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

d. **Other Business Ownership** Subtle Medical

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

e. **Other Intellectual Property** royalties

Neither

f. **Patent** Multiple deep learning patents

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

5. **I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.**

Yes

6. **Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.**

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

No, I have no relevant interests of this type

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

No, I have no relevant interests of this type

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

No, I have no relevant interests of this type

e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")**

No, I have no relevant interests of this type

f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

g. **Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

Yes, as disclosed above

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

Yes, as disclosed above

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

Yes, as disclosed above

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-106210297

Disclosure Purpose: AJNR Disclosures

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions

1. Are you the corresponding author?

Yes.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select “Independent Contractor”)

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select “Patents”)

No, I have no relevant interests of this type

j. Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select “Fiduciary Officer”)

No, I have no relevant interests of this type

k. Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

l. Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select “Travel”)

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-2141560

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Subtle Medical, Magnetic Insight, Icometrix, EMTensor	Consultant	Yes
<i>Category:</i> Consultant		
The University of Texas MD Anderson Cancer Center	Employment	
<i>Title:</i> Professor and Chair of Neuroradiology		

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Predictive Value of Imaging Parameters for Functional Outcome in Anterior Circulation Large Vessel Occlusion Acute Ischemic Stroke: A Machine Learning Study

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. **Other Professional Activities - Consultant** Subtle Medical, Magnetic Insight, Icometrix, EMTensor

The relationship is in direct support of the work reported in the manuscript anytime from when the work was conceived

b. **Employment** The University of Texas MD Anderson Cancer Center

Neither

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

No, I have no relevant interests of this type

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

No, I have no relevant interests of this type

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

Yes, as disclosed above

- d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

No, I have no relevant interests of this type

- e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")**

Yes, as disclosed above

- f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

- g. **Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

- h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

- i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

- j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

- k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

- l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-81941865

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Subtle Medical	Employment	Yes
<i>Title:</i> Machine Learning Scientist - Lead		

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial.

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. **Employment** Subtle Medical

The relationship is in direct support of the work reported in the manuscript anytime from when the work was conceived

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

Yes, as disclosed above

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

No, I have no relevant interests of this type

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

No, I have no relevant interests of this type

e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select “Independent Contractor,” and choose “Other”)**

No, I have no relevant interests of this type

f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select “Independent Contractor”)**

No, I have no relevant interests of this type

g. **Expert witness testimony (If you need to add an interest, return to the previous step and select “Independent Contractor”)**

No, I have no relevant interests of this type

h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select “Patents”)**

Yes, as disclosed above

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select “Fiduciary Officer”)**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select “Travel”)**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-79784159

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Subtle Medical	Consultant	Yes
<i>Category:</i> Consultant		
Subtle Medical	Stock Option	Yes

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. **Other Professional Activities - Consultant** Subtle Medical

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

b. **Stock Option** Subtle Medical

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

No, I have no relevant interests of this type

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

No, I have no relevant interests of this type

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

Yes, as disclosed above

d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

Yes, as disclosed above

e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")**

Yes, as disclosed above

f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

g. **Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

Yes, as disclosed above

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-2142195

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
GE Healthcare	Consultant	
Category: Consultant		
GUERBET LLC	Consultant	
Category: Consultant		
Icometrix	Consultant	
Category: Consultant		
Philips Electronics North America Corporation	Consultant	
Category: Consultant		
Siemens Medical Solutions USA, Inc.	Consultant	
Category: Consultant		
subtle medical	Consultant	Yes
Category: Consultant		

Additional Questions

1. Are you the corresponding author?

Yes.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial

3. What is the Manuscript Identifying Number (if you know it)?

AJNR-23-00207

4. Please select which of the following apply to each relationship or activity:

a. **Other Professional Activities - Consultant** GE Healthcare

Neither

b. **Other Professional Activities - Consultant** GUERBET LLC

Neither

c. **Other Professional Activities - Consultant** Icometrix

Neither

d. **Other Professional Activities - Consultant** Philips Electronics North America Corporation

Neither

e. **Other Professional Activities - Consultant** Siemens Medical Solutions USA, Inc.

Neither

f. **Other Professional Activities - Consultant** subtle medical

The relationship is in direct support of the work reported in the manuscript anytime from when the work was conceived

5. **I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.**

Yes

6. **Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.**

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

Yes, as disclosed above

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

Yes, as disclosed above

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

Yes, as disclosed above

d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

Yes, as disclosed above

e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")**

Yes, as disclosed above

f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

g. **Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)

Yes, as disclosed above

l. Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")

Yes, as disclosed above

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-79817373

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Ajit shankaranarayanan	Employment	Yes
Title: Chief Product Officer		

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial.

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. **Employment** Ajit shankaranarayanan

The relationship is in direct support of the work reported in the manuscript anytime from when the work was conceived

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

Yes, as disclosed above

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

No, I have no relevant interests of this type

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

No, I have no relevant interests of this type

e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select “Independent Contractor,” and choose “Other”)**

No, I have no relevant interests of this type

f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select “Independent Contractor”)**

No, I have no relevant interests of this type

g. **Expert witness testimony (If you need to add an interest, return to the previous step and select “Independent Contractor”)**

No, I have no relevant interests of this type

h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select “Patents”)**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select “Fiduciary Officer”)**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select “Travel”)**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-23-00207-106210110

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Subtle Medical	Employment	Yes
<i>Title:</i> Head of Research and Development		

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. **Employment** Subtle Medical

The relationship is in direct support of the work reported in the manuscript anytime from when the work was conceived

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. **Employment (If you need to add an interest, return to the previous step and select "Employment")**

Yes, as disclosed above

b. **Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")**

No, I have no relevant interests of this type

c. **Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")**

No, I have no relevant interests of this type

d. **Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")**

No, I have no relevant interests of this type

e. **Payment for service on an advisory board (If you need to add an interest, return to the previous step and select “Independent Contractor,” and choose “Other”)**

No, I have no relevant interests of this type

f. **Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select “Independent Contractor”)**

No, I have no relevant interests of this type

g. **Expert witness testimony (If you need to add an interest, return to the previous step and select “Independent Contractor”)**

No, I have no relevant interests of this type

h. **Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select “Patents”)**

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j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select “Fiduciary Officer”)**

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k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

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l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select “Travel”)**

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7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

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No.

Certification

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

Discloser Identifier: AJNR-23-00207-72481372

Disclosure Purpose: AJNR Disclosures

Summary of Interests

Company or Organization

Entity	Type	Relevant to this Disclosure
Subtle Medical	Consultant	Yes
Category: Consultant		

Additional Questions

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

Deep Learning Generated Synthetic MR STIR Spine Images are Superior in Image Quality and Diagnostically Equivalent to Conventional STIR- A Multicenter, Multi-reader Trial

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. **Other Professional Activities - Consultant** Subtle Medical

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5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

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