

This document contains instructions for the screening form that is used for the 3T MRI scanner of the Spinoza Centre for Neuroimaging. The instructions in this document do not cover all questions or doubts you may have. If you have any questions, please contact Pieter Buur or one of the scanning assistants at the Spinoza Centre. You can also find information in www.mrisafety.com.

The MR operator is ultimately responsible for the screening and safety of the participant.

The instructions in this document apply to users of the Spinoza Centre and are limited to scientific research. In other institutes/hospitals, different rules may apply.

Name: _____

Date of birth: _____ Weight (est.): _____ kg

Information about the participant is required so that when a scan is forwarded to the participant's GP, he or she can identify the participant. The weight estimate is required for SAR calculations. Make sure that these fields and the rest of the form are completely filled out before the start of the scan.

Do you have or do you wear:

- A pacemaker or (old) pacemaker wires? yes / no
Contraindication. Participants that answered 'yes' to this question are not allowed inside the MR system room.
- A drug pump (e.g. insulin pump)? yes / no
Potential contraindication. When the type and date of placement are known, the MR operator can check MRISafety.com whether it is safe to scan the participant or not. A physician's statement regarding the device's safety is not sufficient.
- A neuro-stimulator? yes / no
Contraindication. Participants that answered 'yes' to this question are not allowed inside the MR system room.
- A hydrocephalus shunt? yes / no
Contraindication. When the type and date of placement are known, the MR operator can check MRISafety.com whether it is safe to scan the participant or not. A physician's statement regarding the device's safety is not sufficient.
- External prostheses (e.g. artificial limb)? yes / no
Contraindication. It is safe to scan the participant once the prosthesis has been removed.
- One or multiple piercings? yes / no
Contraindication. All piercings need to be removed, even when they are not located on the participant's head.
- Tattoos or permanent mascara? yes / no

<i>It is safe to scan the participant, but the participant needs to be informed that the tattoo may heat up and that if this is the case, he or she should immediately notify you by pressing the alarm button.</i>	yes	/	no
- Dental constructs (braces, retainers etc.)? <i>It is safe to scan the participant, although artefacts may occur. The extent of artefact formation is unpredictable. Wires are usually not a problem, but larger constructs in the upper jaw may lead to artefacts.</i>	yes	/	no
- Transdermal patches (nicotine patch, hormone patch etc.)? <i>Contraindication. All transdermal patches need to be removed due to risk of heating.</i>	yes	/	no
- An intrauterine device (IUD)? <i>Potential contraindication. It is only safe to scan when it concerns a hormonal IUD or copper IUD; participants with other types of IUDs cannot be scanned safely. Entering the MR system room is safe for all participants with IUDs, regardless of the type.</i>	yes	/	no
- Dentures? <i>Contraindication. When the dentures are removed, it is safe to scan the participant. Participants wearing dentures can safely enter the MR system room.</i>			
Have you ever had surgery on:			
- The head or neck (e.g. vascular clips, stents or pumps)? <i>Contraindication. Participants with clips, stents or pumps cannot safely enter the MR system room. A physician's statement regarding the device's safety is not sufficient.</i>	yes	/	no
- The heart (e.g. artificial valves)? <i>Contraindication. When the type and date of placement are known, the MR operator can check MRISafety.com whether it is safe to scan the participant or not. A physician's statement regarding the device's safety is not sufficient.</i>	yes	/	no
- The eyes (e.g. implanted lenses)? <i>Contraindication. When the type and date of placement are known, the MR operator can check MRISafety.com whether it is safe to scan the participant or not. A physician's statement regarding the device's safety is not sufficient.</i>	yes	/	no
- The ears (e.g. stapes prosthesis, or cochlear implants)? <i>Contraindication. Hearing aids need to be removed. When the type and date of placement of a non-removable devices are known, the MR operator can check MRISafety.com whether it is safe to scan the participant or not. A physician's statement regarding the device's safety is not sufficient.</i>	yes	/	no
- The bones (in which screws or plates have been used)? <i>Contraindication. When placed after 2002 and it has been more than 6 weeks since the last surgery, it is safe to scan the participant. All other participants cannot be scanned safely.</i>	yes	/	no
- Other?			
If so, please specify: _____			
Have you ever had a stent or (coronary) angioplasty?	yes	/	no
	yes	/	no

Conditional. If the participant answered 'yes', he or she can be scanned in some circumstances. Contact Spinoza staff for more information. yes / no

Is there a chance of metal splinters in the eyes? yes / no

Contraindication. If the participant answered 'yes', he or she cannot be scanned safely. yes / no

Is there a chance of metal splinters in the body (e.g. after an explosion)? yes / no

Contraindication. If the participant answered 'yes', he or she cannot be scanned safely.

Do you or have you ever suffered from:

- Claustrophobia?

Take your time to discuss this with the participant.

- Shortness of breath (when lying flat on your back)?

Take your time to discuss this with the participant.

Could you be pregnant?

Contraindication. If the participant answered 'yes', she cannot be scanned safely.

I hereby attest and certify that the above information provided by me is true and correct to the best of my knowledge.

Date

Signature

Signature of MR
Operator