

Reference: 02133229

Information Requests
information.requests@ofcom.org.uk

16 February 2026

Freedom of Information request: Right to know request

Thank you for your request for information about Nanoparticle Interaction with EMF and Blood Clot Risk.

We received this request on 19 January 2026 and we have considered your request under the Environmental Information Regulations 2004.

Your request

1. Any internal correspondence, scientific reviews, or advisory documents held by your department regarding:

** Interaction between EMF (electromagnetic field) exposure and graphene oxide, magnetite, or other nanoparticles*

** Risk of platelet activation, abnormal blood clotting, or oxidative stress in the presence of EMF + metallic particles*

** Potential public health consequences of co-exposure to nanomaterials and non-ionising radiation*

2. Any commissioned research, modelling, or consultations carried out on the neurological, vascular, or haematological risks of EMF exposure in populations known to have metal-based particles in the bloodstream (e.g. via medication, vaccines, inhalation, environmental exposure).

3. Any monitoring protocols, policy guidance, or risk registers that assess the combined effects of nanomaterials and wireless radiation in school settings, homes with smart meters, or urban tower deployment zones.

If no documents exist, please confirm whether your department has ever considered this interaction or intends to review it.

Our response

We do not hold the requested information.

As previously explained in our response to you dated [22 September 2025](#), Ofcom is not a public health body. We have explained our role in that previous response as well as our response of [30 September 2025](#). We note that you have now sent us various requests and letters which request health related information from us and would be grateful if you could take our previous responses of 22 September 2025 and 30 September 2025 into account before considering submitting any further requests.

Yours sincerely,

Information Requests

Request an internal review

If you are unhappy with the response you have received to your request for information, or think that your request was refused without a reason valid under the law, you may ask for an internal review. If you do, it will be subject to an independent review within Ofcom. We will either uphold the original decision, or reverse or modify it.

If you would like to ask us to carry out an internal review, you should get in touch within two months of the date of this letter. There is no statutory deadline for us to complete our internal review, and the time it takes will depend on the complexity of the request. But we will try to complete the review within 20 working days (or no more than 40 working days in exceptional cases) and keep you informed of our progress. Please email the Information Requests team (information.requests@ofcom.org.uk) to request an internal review.

Taking it further

If you are unhappy with the outcome of our internal review, then you have the right to [complain to the Information Commissioner's Office](#).