

## Medical Product Alert N°1/2026

### Substandard ACCUPAQUE (Iohexol), OMNIPAQUE (Iohexol) and VISIPAQUE (Iodixanol) in all WHO regions

#### Alert Summary

This WHO Medical Product Alert refers to multiple batches of ACCUPAQUE, OMNIPAQUE and VISIPAQUE solutions for injection presented in **100 ml polypropylene containers**. In March 2026, the Health Products Regulatory Authority (HPRA), Ireland, notified WHO of a Class I quality defect affecting specific batches of iodinated contrast media (Iohexol or Iodixanol) marketed under the brand names ACCUPAQUE, OMNIPAQUE and VISIPAQUE manufactured by GE HealthCare Ireland Limited.

The defect involves the presence of metallic particulate matter, either adhered to or embedded within the inner surface of polypropylene bottles. In at least one confirmed instance identified by the manufacturer, a free metallic particulate was present within the finished product. The quality defect only affects batches supplied in **100 ml polypropylene containers**. Batches supplied in glass containers are not affected. The affected batches of these products have been supplied globally to multiple countries. Distribution primarily occurred at hospital level, including facilities performing interventional radiology, cardiology procedures and vascular surgery procedures.

#### How to identify these substandard products

The list of affected products and batches provided by GE Healthcare Ireland Limited is included in Annexes 1 and 2 of this Alert.

#### Risks

These products are injectable solutions for intra-arterial and intravenous use. The presence of particulate matter poses a safety risk especially when injected intra-arterially and can cause serious adverse events including life-threatening embolic events.

While the probability of contamination may be low, the risk is higher in settings where:

- Visual inspection of products is not strictly performed (as per manufacturer's product leaflet);
- Recall notifications have not reached the facility;
- Alternative contrast agents are unavailable, resulting in use of affected products.

To prevent patient harm, it is important to identify and remove the affected batches of Accupaque, Omnipaque, and Visipaque from clinical use.

#### Advice to health-care professionals, regulatory authorities and the public

WHO advises national regulatory authorities and health-care professionals of the potential risk associated with metallic particulate matter in the specific batches of Accupaque, Omnipaque, and Visipaque iodinated contrast media supplied in **100ml polypropylene containers**.

National regulatory authorities should confirm receipt of the manufacturer notifications and market action instructions and take appropriate regulatory and public health actions, in line with national guidelines.

WHO urges health-care professionals to remain vigilant for adverse events potentially related to particulate embolism.

[Particulate embolism–related adverse events](#) may occur when solid particles inadvertently enter the bloodstream and obstruct small blood vessels, leading to impaired blood flow and ischemic injury. Clinically, this may manifest as respiratory distress, cardiovascular or neurological events (e.g. pulmonary embolism, myocardial ischemia, stroke), inflammatory reactions, end-organ damage, or, in severe cases, multi-organ failure or death<sup>1</sup>.

If you, or someone you know, has, or may have used these products, or suffered an adverse event or unexpected side-effect after use, seek immediate medical advice from a health-care professional.

Report any suspected defects or clinical events via national systems and the WHO Global Surveillance and Monitoring System (GSMS). If you are in possession of these products, WHO recommends that you do not use them.

If you have any information about these products, please contact WHO via [rapidalert@who.int](mailto:rapidalert@who.int).

### Annex 1: Products subject of WHO Medical Product Alert N°1/2026

PRODUCT	ACCUPAQUE (Iohexol)	OMNIPAQUE (Iohexol)	VISIPAQUE (Iodixanol)
<b>STATED MANUFACTURER</b>	GE Healthcare Ireland Limited		
<b>Affected Lot numbers</b>	See Annex 2	See Annex 2	See Annex 2
<b>Expiry Date</b>	See Annex 2	See Annex 2	See Annex 2

### Annex 2 – List of affected products and batches

Product	Batch	Expiry
26170256 OMNIPAQUE350 10x100PP	17253643	30-Jul-28
26180630 VISIPAQUE320 10x100PP	17244625	14-Aug-28
ACCUPAQUE 300 mg USB 1x100 ml	17333581	07-Nov-28
ACCUPAQUE 300 mg USB 10x100 ml	17321114	06-Aug-28
ACCUPAQUE 300 mg USB 10x100 ml	17270628	06-Aug-28
ACCUPAQUE 300 mg USB 10x100 ml	17329106	22-Oct-28
ACCUPAQUE 300 mg USB 10x100 ml	17334255	22-Oct-28
ACCUPAQUE 300 mg USB 10x100 ml	17356931	04-Sep-28
ACCUPAQUE 300 mg USB 10x100 ml	17356935	12-Oct-28
ACCUPAQUE 300 mg USB 10x100 ml	17366385	15-Nov-28
ACCUPAQUE 300 mg USB 10x100 ml	17370957	16-Nov-28
ACCUPAQUE 300 mg USB 10x100 ml	17298685	06-Aug-28
ACCUPAQUE 300 mg USB 10x100 ml	17333586	22-Oct-28
ACCUPAQUE 300 mg USB 10x100 ml	17366373	15-Nov-28
ACCUPAQUE 350 mg USB 10x100 ml	17089899	20-Jan-28
ACCUPAQUE 350 mg USB 10x100 ml	17260069	05-Aug-28
ACCUPAQUE 350 mg USB 10x100 ml	17302542	11-Aug-28
ACCUPAQUE 350 mg USB 10x100 ml	17302545	25-Jul-28
ACCUPAQUE 350 mg USB 10x100 ml	17370473	02-Dec-28

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ACCUPAQUE 350 mg USB 10x100 ml	17370474	01-Dec-28
ACCUPAQUE 350 mg USB 10x100 ml	17238981	05-Aug-28
ACCUPAQUE 350 mg USB 10x100 ml	17312081	06-Aug-28
ACCUPAQUE 350 mg USB 10x100 ml	17318004	14-Oct-28
ACCUPAQUE 350 mg USB 10x100 ml	17340520	21-Oct-28
OMNIPAQUE 300 mg USB 1x100 ml	17339149	04-Sep-28
OMNIPAQUE 300 mg USB 1x100 ml	17359537	22-Oct-28
OMNIPAQUE 300 mg USB 1x100 ml	17271303	05-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17334249	07-Sep-28
OMNIPAQUE 300 mg USB 10x100 ml	17350896	04-Sep-28
OMNIPAQUE 300 mg USB 10x100 ml	17353261	22-Oct-28
OMNIPAQUE 300 mg USB 10x100 ml	17371056	30-Nov-28
OMNIPAQUE 300 mg USB 10x100 ml	17305242	31-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17305243	30-Sep-28
OMNIPAQUE 300 mg USB 10x100 ml	17318263	31-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17258864	04-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17378212	13-Nov-28
OMNIPAQUE 300 mg USB 10x100 ml	17349041	13-Nov-28
OMNIPAQUE 300 mg USB 10x100 ml	17262273	04-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17320901	06-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17374661	16-Nov-28
OMNIPAQUE 300 mg USB 10x100 ml	17366313	31-Jan-29
OMNIPAQUE 300 mg USB 10x100 ml	17370931	12-Oct-28
OMNIPAQUE 300 mg USB 10x100 ml	17291358	04-Aug-28
OMNIPAQUE 300 mg USB 10x100 ml	17300760	04-Sep-28
OMNIPAQUE 300 mg USB 10x100 ml	17379399	14-Nov-28
OMNIPAQUE 300 mg USB 10x100 ml	17325312	13-Sep-28
OMNIPAQUE 300 mg USB 10x100 ml	17327161	07-Dec-28
OMNIPAQUE 300 mg USB 10x100 ml	17404129	13-Dec-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17225029	03-Sep-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17265376	03-Oct-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17270885	10-Sep-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17292246	04-Oct-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17301805	18-Oct-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17301807	07-Sep-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17301810	20-Oct-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17304992	05-Oct-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17304993	19-Oct-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17304996	25-Nov-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17321225	08-Sep-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17333589	24-Nov-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17333611	26-Nov-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17333613	23-Nov-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17357000	05-Dec-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17366399	14-Dec-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17376486	14-Dec-28
OMNIPAQUE 300mg/ml USB 10x100 ml	17404114	06-Dec-28

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OMNIPAQUE 350 mg USB 1x100 ml	17238983	26-Jul-28
OMNIPAQUE 350 mg USB 1x100 ml	17277327	11-Aug-28
OMNIPAQUE 350 mg USB 1x100 ml	17322643	14-Oct-28
OMNIPAQUE 350 mg USB 1x100 ml	17271306	11-Aug-28
OMNIPAQUE 350 mg USB 1x100 ml	17270328	26-Jul-28
OMNIPAQUE 350 mg USB 1x100 ml	17277326	06-Aug-28
OMNIPAQUE 350 mg USB 1x100 ml	17370479	21-Oct-28
OMNIPAQUE 350 mg USB 1x100 ml	17370480	21-Oct-28
OMNIPAQUE 350 mg USB 1x100 ml	17407025	04-Dec-28
OMNIPAQUE 350 mg USB 1x100 ml	17301796	08-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17277089	11-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17351100	07-Sep-28
OMNIPAQUE 350 mg USB 10x100 ml	17320944	25-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17411626	20-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17332846	07-Sep-28
OMNIPAQUE 350 mg USB 10x100 ml	17238980	26-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17277322	30-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17298718	07-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17361175	01-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17379390	25-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17429790	11-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17277208	25-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17340558	30-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17327354	14-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17324090	01-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17361386	01-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17364400	01-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17364401	01-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17275275	30-Sep-28
OMNIPAQUE 350 mg USB 10x100 ml	17227949	31-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17340534	31-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17361385	30-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17403686	31-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17291368	11-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17349069	01-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17413362	15-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17258866	11-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17378255	20-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17212392	05-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17349047	21-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17294798	06-Sep-28
OMNIPAQUE 350 mg USB 10x100 ml	17358213	14-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17396721	03-Jan-29
OMNIPAQUE 350 mg USB 10x100 ml	17340557	11-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17367331	24-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17364593	14-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17291310	30-Jul-28

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OMNIPAQUE 350 mg USB 10x100 ml	17352078	13-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17388194	21-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17368323	20-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17244048	25-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17374668	02-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17344032	06-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17306297	23-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17308416	26-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17314055	05-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17328722	12-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17358222	12-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17376107	13-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17409644	10-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17433391	17-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17277315	31-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17312303	31-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17323704	31-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17370063	30-Sep-28
OMNIPAQUE 350 mg USB 10x100 ml	17407055	31-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17425028	31-Dec-28
OMNIPAQUE 350 mg USB 10x100 ml	17359070	17-Sep-28
OMNIPAQUE 350 mg USB 10x100 ml	17402891	30-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17402903	02-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17406203	01-Nov-28
OMNIPAQUE 350 mg USB 10x100 ml	17417180	25-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17296065	07-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17201254	06-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17305630	30-Jul-28
OMNIPAQUE 350 mg USB 10x100 ml	17370936	14-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17383109	15-Oct-28
OMNIPAQUE 350 mg USB 10x100 ml	17239721	30-Aug-28
OMNIPAQUE 350 mg USB 10x100 ml	17241442	06-Sep-28
OMNIPAQUE 350 mg USB 10x100ml	17183380	31-Jul-28
OMNIPAQUE 350 mg USB 10x100ml	17319894	07-Aug-28
OMNIPAQUE 350 mg U 10x100 ml	17253638	07-Aug-28
OMNIPAQUE 350mg/ml USB 10x100 ml	17306628	05-Sep-28
OMNIPAQUE 350mg/ml USB 10x100 ml	17333197	10-Dec-28
OMNIPAQUE 350mg/ml USB 10x100 ml	17333198	17-Nov-28
OMNIPAQUE 350mg/ml USB 10x100 ml	17396945	18-Dec-28
OMNIPAQUE 350mg/ml USB 10x100 ml	17396948	22-Dec-28
OMNIPAQUE 350mg/ml USB 10x100 ml	17396953	11-Jan-29
OMNIPAQUE 350mg/ml USB 10x100 ml	17396956	09-Jan-29
OMNIPAQUE 350mg/ml USB 10x100 ml	17423503	01-Jan-29
OMNIPAQUE 350mg/ml USB 10x100 ml	17423525	03-Jan-29
OMNIPAQUE 350mg/ml USB 10x100 ml	17426429	01-Jan-29
OMNIPAQUE 350mg/ml USB 10x100 ml	17426440	04-Jan-29
OMNIPAQUE 350mg/ml USB 10x100 ml	17431310	11-Jan-29

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OMNIPAQUE 647 mg USB 10x100 ml	17296089	06-Aug-28
OMNIPAQUE 647 mg USB 10x100 ml	17322376	22-Oct-28
OMNIPAQUE 647 mg USB 10x100 ml	17363927	13-Nov-28
OMNIPAQUE 755 mg USB 10x100 ml	17247369	06-Aug-28
VISIPAQUE 320 mg USB 1x100 ml	17270129	26-Jul-28
VISIPAQUE 320 mg USB 1x100 ml	17363725	05-Dec-28
VISIPAQUE 320 mg USB 1x100 ml	17385132	13-Dec-28
VISIPAQUE 320 mg USB 1x100 ml	17292643	14-Aug-28
VISIPAQUE 320 mg USB 1x100 ml	17305012	25-Jul-28
VISIPAQUE 320 mg USB 1x100 ml	17271300	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17305010	13-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17320967	15-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17338638	15-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17306843	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17336632	05-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17353211	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17247383	14-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17331540	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17299098	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17264297	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17325742	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17338633	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17314000	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17264301	15-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17264302	01-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17302277	01-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17323156	01-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17302289	31-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17302290	31-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17321866	31-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17264005	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17291370	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17349086	05-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17230467	14-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17350682	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17318726	13-Sep-28
VISIPAQUE 320 mg USB 10x100 ml	17330329	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17437211	13-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17264311	13-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17291421	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17201256	13-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17230526	15-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17320931	15-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17320932	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17320933	19-Sep-28
VISIPAQUE 320 mg USB 10x100 ml	17422210	13-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17275012	22-Aug-28

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VISIPAQUE 320 mg USB 10x100 ml	17303283	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17341274	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17363903	05-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17291424	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17278120	22-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17358219	05-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17415131	05-Dec-28
VISIPAQUE 320 mg USB 10x100 ml	17300762	25-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17272574	14-Sep-28
VISIPAQUE 320 mg U 10x100 ml	17312861	15-Aug-28
VISIPAQUE 320 mg U 10x100 ml	17312864	19-Sep-28
VISIPAQUE 320 mg USB 10x100 ml	17244652	26-Jul-28
VISIPAQUE 320 mg USB 10x100 ml	17303308	15-Aug-28
VISIPAQUE 320 mg USB 10x100 ml	17312888	19-Sep-28
VISIPAQUE 320MG 100 ML USB	17303269	15-Aug-28
VISIPAQUE 320MG 100 ML USB	17312884	22-Aug-28
VISIPAQUE 320MG 100 ML USB	17388227	05-Dec-28
VISIPAQUE 320mg USB 1x100ml 32gl	17393760	14-Aug-28
VISIPAQUE 320mg USB 1x100ml 32gl	17393761	12-Aug-28
VISIPAQUE 320mg USB 1x100ml 32gl	17393764	12-Aug-28
VISIPAQUE 320mg USB 1x100ml 32gl	17393765	21-Aug-28
VISIPAQUE 320mg USB 1x100ml 32gl	17403780	22-Aug-28
VISIPAQUE 320mg USB 1x100ml 32gl	17421451	19-Aug-28
VISIPAQUE 320mg USB 1x100ml 32gl	17425290	20-Sep-28
VISIPAQUE 320mg USB 1x100ml 32gl	17425291	10-Oct-28
VISIPAQUE 320mg USB 1x100ml 32gl	17425292	20-Sep-28
VISIPAQUE 320mg USB 1x100ml 32gl	17428130	19-Sep-28
VISIPAQUE 320mg USB 1x100ml 32gl	17428132	19-Sep-28
VISIPAQUE 320mg USB 1x100ml 32gl	17432322	20-Sep-28
VISIPAQUE 320mg USB 1x100ml 32gl	17444560	09-Oct-28

<sup>i</sup> Raju SK, Menon R, Nair S, et al. *Non-thrombotic pulmonary embolism from inorganic particulate matter foreign bodies*. Journal of Forensic and Legal Medicine. 2018. Available at: <https://www.researchgate.net/publication/323426498> (accessed 1 May 2026).