

Supplementary Material 1. PubMed Session Results (20 Jan 2023)

Search	Query	Items found
#5	#4 NOT (“Animals”[Mesh] NOT “Humans”[Mesh])	1,539
#4	#1 AND #2 AND #3	1,643
#3	“Infant, Newborn, Diseases”[Mesh:NoExp] OR “Infant, Premature, Diseases”[Mesh:NoExp] OR “Infant”[Mesh] OR “Intensive Care, Neonatal”[Mesh] OR “Intensive Care Units, Neonatal”[Mesh] OR “Neonatal Nursing”[Mesh] OR infant*[tiab] OR newborn*[tiab] OR neonat*[tiab] OR new-born*[tiab] OR neo-nat*[tiab] OR prenat*[tiab] OR prematur*[tiab] OR preterm*[tiab] OR pre-nat*[tiab] OR pre-matur*[tiab] OR pre-term*[tiab]	1,721,715
#2	“Thyroid Function Tests”[Mesh] OR “Hypothyroidism”[Mesh] OR “hypothyroid”*[tiab] OR “hypo-thyroid”*[tiab] OR “thyroid function”*[tiab] OR “thyroid dysfunction”*[tiab] OR “thyroid disfunction”*[tiab] OR “wolff chaikoff”*[tiab]	74,041
#1	“Contrast Media”[Mesh] OR “Contrast Media” [Pharmacological Action] OR ((contrast[tiab] OR radiocontrast[tiab]) AND (medi*[tiab] OR agent*[tiab])) OR radiopaque[tiab] OR “iodized contrast”[tiab] OR “iodised contrast”[tiab] OR “iodinated contrast”[tiab] OR “iodinated med”*[tiab] OR “iodinated radiocontrast”[tiab] OR “iodinated radio-contrast”[tiab] OR “iodine contrast”[tiab] OR “Iodine”[Mesh] OR “Iohexol”[Mesh] OR “Iothalamic Acid”[Mesh] OR “Iothalamate Meglumine”[Mesh] OR iothalam*[tiab] OR “Ioxaglic Acid”[Mesh] OR ioxaglic[tiab] OR ioxagl*[tiab] OR “Metrizamide”[Mesh] OR “metrizamid”*[tiab] OR “iopromide” [Supplementary Concept] OR “Iodopyridones”[Mesh] OR iodopyridone*[tiab] OR iodine[tiab] OR iohexol[tiab] OR omnipaque[tiab] OR amipaque[tiab] OR amipak[tiab] OR “win 39103”[tiab] OR exypaque[tiab] OR nycodenz[tiab] OR accupaque[tiab] OR omnitrast[tiab] OR “win 39424”[tiab] OR lopamidol[tiab] OR hexabrix[tiab] OR iopromid*[tiab]	533,003

Embase.com Session Results (20 Jan 2023)

Search	Query	Items found
#6	#5 NOT ([animals]/lim NOT [humans]/lim)	1,610
#5	#4 NOT (‘conference abstract’/it OR ‘conference review’/it)	1,768
#4	#1 AND #2 AND #3	2,093
#3	‘newborn disease’/de OR ‘prematurity’/exp OR ‘infant’/exp OR ‘infant disease’/de OR ‘newborn intensive care’/exp OR ‘neonatal intensive care unit’/exp OR ‘newborn nursing’/exp OR infant*:ab,ti,kw OR newborn*:ab,ti,kw OR neonat*:ab,ti,kw OR ‘new-born’:ab,ti,kw OR ‘neo-nat’:ab,ti,kw OR prenat*:ab,ti,kw OR prematur*:ab,ti,kw OR preterm*:ab,ti,kw OR ‘pre-nat’:ab,ti,kw OR ‘pre-matur’:ab,ti,kw OR ‘pre-term’:ab,ti,kw	1,910,275
#2	‘thyroid function test’/exp OR ‘thyroid function’/exp OR ‘hypothyroidism’/exp OR hypothyroid*:ab,ti,kw OR ‘hypo-thyroid’:ab,ti,kw OR ‘thyroid function’:ab,ti,kw OR ‘thyroid dysfunction’:ab,ti,kw OR ‘thyroid disfunction’:ab,ti,kw OR ‘wolff chaikoff’:ab,ti,kw	134,176
#1	‘contrast medium’/de OR ‘iodinated contrast medium’/exp OR ((contrast:ab,ti,kw OR radiocontrast:ab,ti,kw) AND (medi*:ab,ti,kw OR agent*:ab,ti,kw)) OR radiopaque:ab,ti,kw OR ‘iodized contrast’:ab,ti,kw OR ‘iodised contrast’:ab,ti,kw OR ‘iodinated contrast’:ab,ti,kw OR ‘iodinated med’:ab,ti,kw OR ‘iodinated radiocontrast’:ab,ti,kw OR ‘iodinated radio-contrast’:ab,ti,kw OR ‘iodine contrast’:ab,ti,kw OR ‘iodine’/exp OR iothalam*:ab,ti,kw OR ioxaglic:ab,ti,kw OR ioxagl*:ab,ti,kw OR metrizamid*:ab,ti,kw OR iodopyridone*:ab,ti,kw OR iodine:ab,ti,kw OR iohexol:ab,ti,kw OR omnipaque:ab,ti,kw OR amipaque:ab,ti,kw OR amipak:ab,ti,kw OR ‘win 39103’:ab,ti,kw OR exypaque:ab,ti,kw OR nycodenz:ab,ti,kw OR accupaque:ab,ti,kw OR omnitrast:ab,ti,kw OR ‘win 39424’:ab,ti,kw OR lopamidol:ab,ti,kw OR hexabrix:ab,ti,kw OR iopromid*:ab,ti,kw	638,058

Supplementary Material 2.

Lombard et al. (18)		Ares et al. (17)	
Question	Score	Question	Score
Were patient’s demographic characteristics clearly described?	Yes	Were there clear criteria for inclusion in the case series?	Yes
Was the patient’s history clearly described and presented as a timeline?	Yes	Was the condition measured in a standard, reliable way for all participants included in the case-series?	NA
Was the current clinical condition of the patient on presentation clearly described?	Yes	Were valid methods used for identification of the condition for all participants included in the case series?	Yes
Were diagnostic tests or assessment methods and the results clearly described?	No	Did the case series have consecutive inclusion of participants?	Yes
Was the intervention(s) or treatment procedure(s) clearly described?	Yes	Did the case series have complete inclusion of participants?	Yes
Was the post-intervention clinical condition clearly described?	Yes	Was there clear reporting of the demographics of the participants in the study?	Yes
Were adverse events (harms) or unanticipated events identified and described?	Yes	Was there clear reporting of clinical information of the participants in the study?	Yes
Does the case report provide takeaway lesson?	Yes	Were the outcomes or follow up results of cases clearly reported?	Yes
		Was there clear reporting of the presenting site(s)/clinic(s) demographic information?	No
		Was statistical analysis appropriate?	NA
Total	21/24		23/30