

Supplementary Materials

PATIENT CLINICAL DATA

FIELD	DETAIL	ADMITTED VALUES
ANTHROPOMETRIC DATA		
Weight		(kg) [Numeric]
Height		(cm) [Numeric]
BMI		[Numeric] (automatically calculated)
BSA		[Numeric] (automatically calculated)
Age		(years) [Numeric]
Age range		<ul style="list-style-type: none">< 50 years> 50 years
PATIENT HISTORY		
Family history of cancer <small>(visible only if “Yes” and repeatable)</small>	Yes/No	
	Degree of kinship	<ul style="list-style-type: none">MotherFatherBrother(s)/sister(s)Maternal grandparent(s)Paternal grandparent(s)Uncle(s)/aunt(s)Other [free text]
	Notes	[free text]
Personal history of other cancers	Yes/No	
	Notes	[free text]
<u>Lifestyle/dietary habits</u> <small>(visible only if “Yes” and repeatable)</small>	Smoke	Yes/No
	<u>SMOKING DETAILS</u> (visible only if Smoke = “Yes”)	
	Smoker	<ul style="list-style-type: none">Current smokerFormer smoker
	Cigarette smoke	Yes/No
	Number of daily cigarettes (if “Current smoker”)	<ul style="list-style-type: none">Light (< 15)Heavy (≥15)

	Smoking years	[Numeric]	
	Years from cessation (if "Former smoker")	<ul style="list-style-type: none"> ≤ 15 >15 	
	Cigarettes per year (pack-year) (if "Former smoker" or "Current smoker")	[Numeric] (automatically calculated)* *(Number of daily cigarettes x smoking years / 20)	
	Vaping	Yes/No	
	Number of daily electronic cigarettes refills (if vaping = "Yes")	[Numeric]	
	Number of years (if vaping = "Yes")	[Numeric]	
	Notes	[free text]	
	High alcohol intake	Yes more than 1 glass/day for women and 2 glasses/day for men) No	
	High meat intake	Yes (white or red meat intake more than 3 times/week) No	
	High cured meat intake	Yes *(cured meat intake more than once a week) No	
	Low vegetable intake	Yes *(less than 2 servings/day) No	
	Low fruit intake	Yes *(less than 3 whole fruits/day) No	
	Notes	[free text]	
	ALLERGIES AND ADVERSE REACTIONS		
	Reported allergies (visible only if "Yes" and repeatable)	Yes/No	
Type		<ul style="list-style-type: none"> Drug-related (n of drugs) Contrast medium-related (n of contrast media) Drug-unrelated 	
Active principle/molecule [if drug- or contrast medium- related allergy]	[free text]		

PREVIOUS adverse reactions (visible only if “Yes” and repeatable)	Commercial name [if drug- or contrast medium-related allergy]	<i>[free text]</i>
	Notes	<i>[free text]</i>
	Yes/No	
	Date	month/year [mm/yyyy]
	Type	Contrast medium-related / unrelated
	Degree	<ul style="list-style-type: none"> • Mild • Moderate • Severe
	Time of onset	<ul style="list-style-type: none"> • Early • Late
	Notes	<i>[free text]</i>
	Yes/No	
Antiallergic premedication	Treatment	<ul style="list-style-type: none"> • Steroid • Antihistamine
	Complete	Yes/No
	Notes	<i>[free text]</i>
	Yes/No	
Nephroprotective protocol	Complete	Yes/No
	Serum creatinine	<i>[Numeric]</i> (mg/dl)
	GFR (Glomerular Filtration Rate)	<i>[Numeric]</i> (ml/min) https://www.merckmanuals.com/medical-calculators/GFR_CKD_EPI-it.htm (sex, race, age, serum creatinine)
	Notes	<i>[free text]</i>

CLINICAL EVALUATION

FIELD	DETAIL	ADMITTED VALUES
CLINICAL INFORMATION	Yes/No	
	Prior imaging tests (visible only if “Yes” and repeatable)	<ul style="list-style-type: none">CTMRIUltrasoundPET-CTOther [free text]
	Date	[dd/mm/yyyy]
	Notes	[free text]
	CLINICAL PRESENTATION	
Patient general condition	<ul style="list-style-type: none">GoodPoor	
	Symptoms	<ul style="list-style-type: none">Painless lymphadenopathies (e.g., neck, underarm, groin, etc.)Fever and/or night sweatsUnexplainable weight loss for at least 6 monthsItching and/or pain triggered by alcohol intake (HL)Other [free text]
Biopsy	Yes/No If Yes:	
		<ul style="list-style-type: none">Bone marrow biopsy (date [mm/yyyy])Other [free text], date [mm/yyyy]
	Diagnosis (incl. immunohistotype)	[free text]
CEA level		[Numeric]
Blood count		[Numeric]
Serum creatinine		[Numeric]
Liver function		<ul style="list-style-type: none">NormalImpaired
Virology tests		<ul style="list-style-type: none">HBV (+/-)

		<ul style="list-style-type: none"> • HCV (+/-) • HIV (+/-) • Other <i>[free text]</i>
	Notes	<i>[free text]</i>

IMAGING PROTOCOL

FIELD	DETAIL	ADMITTED VALUES
IMAGING DATA		
Date of examination		Date <i>[dd/mm/yyyy]</i>
Clinical indication	Primary staging	
Scanner brand and model		<i>[free text]</i>
Scanning technique	Number of detector rows	<i>[Numeric]</i>
	Precontrast scan <i>(*details visible only if “Yes”)</i>	Yes/No Dual energy (Yes/No) Slice thickness (mm) <i>[Numeric]</i> Convolution kernel(s) <i>[free text]</i> Body area <i>[multiple choice]</i> : <ul style="list-style-type: none"> • abdomen • chest • neck • brain
	Post-contrast scan <i>(*details repeatable for each post-contrast scan)</i>	<i>[Numeric]</i> Post-contrast phase(s) (arterial, venous, late) Dual energy (Yes/No) Slice thickness (mm) <i>[Numeric]</i> Convolution kernel(s) <i>[free text]</i> Body area <i>[multiple choice]</i> : <ul style="list-style-type: none"> • abdomen • chest

Bowel preparation		<ul style="list-style-type: none"> • neck • brain
	Yes/No	If Yes, specify <i>[free text]</i>
	Class of radiation exposure	<i>[Numeric]</i>
CONTRAST MEDIUM		
Use of contrast medium (visible only if "Yes")	Si/No	
	Yes/No	
	Active principle	<ul style="list-style-type: none"> • Iobitridol • Iodixanol • Iohexol • Iomeprol • Iopromide • Ioversol
	Commercial name	<i>[free text]</i>
	Volume	<i>[Numeric]</i> (ml)
	Flow rate	<i>[Numeric]</i> (ml/sec)
	Concentration	<i>[Numeric]</i> (mgI/ml)
ADVERSE EVENTS		
ONGOING adverse events (visible only if "Yes")	Yes/No	
	Date and hour of event	<i>[dd/mm/yyyy, hour]</i>
	Degree	<ul style="list-style-type: none"> • Mild • Moderate • Severe
	Time of onset	<ul style="list-style-type: none"> • Early • Late
		Minutes <i>[Numeric]</i> (optional)
	Type	ALLERGIC / ALLERGIC-LIKE Mild <ul style="list-style-type: none"> • Sparse wheals/itch • Skin edema • Mild itching / feeling like "velvet in the throat" • Nasal congestion

- Sneezing
- Conjunctivitis
- Rhinorrhea

Moderate

- Diffuse wheals/intense itch
- Diffuse skin edema
- Facial edema without dyspnea
- Feeling of choking or hoarseness
- Wheezing / mild bronchospasm without hypoxia

Severe

- Dyspnea
- Erythema – diffuse mucocutaneous symptoms
- Laryngeal edema with stridor and/or hypoxia
- Wheezing / bronchospasm
- Significant hypoxia
- Anaphylactic shock (severe hypotension and brady-tachyarrhythmia)

NON-ALLERGIC

Mild

- Mild nausea/limited vomiting
- Transient chills / heat / redness
- Headache / dizziness / anxiety / altered taste
- Slight increase in blood pressure
- Self-limiting vasovagal reaction

Moderate

- Prolonged nausea/vomiting
- Elevated arterial blood pressure
- Isolated chest pain
- Vasovagal reaction

Severe

- Treatment-refractory vasovagal reaction
- Arrhythmia
- Convulsions
- Severe arterial hypertension

CONTRAST MEDIUM EXTRAVASATION

	Type of treatment	<ul style="list-style-type: none"> ● Wait and see ● Drug therapy (specify in “Notes” field) ● Anesthesiologist’s intervention required
	Event resolution	<ul style="list-style-type: none"> ● Spontaneous ● After treatment ● After hospitalization ● Other <i>[free text]</i>
	Notes	<i>[free text]</i>

REPORT

FIELD	DETAIL	ADMITTED VALUES
DIAGNOSIS		
PRIMARY TUMOR		
(open following fields depending on the “Site” of primary tumor)		
Lymph node disease	Site	<ul style="list-style-type: none"> ● Lymph node disease ● Bulky disease ● Spleen ● Extranodal disease
	Number	<i>[Numeric]</i>
	Site (up to 2 target lesions can be selected)	<ul style="list-style-type: none"> ● Limited disease (stage I-II) / advanced disease (stage III-IV) If “Limited disease”: <ul style="list-style-type: none"> ○ Supradiaphragmatic sites <i>[free text]</i> ○ Subdiaphragmatic sites <i>[free text]</i> If “Advanced disease”: <ul style="list-style-type: none"> ○ site <i>[free text]</i>
	Size	<ul style="list-style-type: none"> ● Largest dimension on axial plane (mm) <i>[Numeric]</i> ● Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i>
	Reference image	Number of reference image <i>[Numeric]</i> (with automatic link to key image)
	CT appearance	<ul style="list-style-type: none"> ● Structure <ul style="list-style-type: none"> ○ areas of contrast enhancement <i>[free text]</i> ○ areas of necrosis/colliquation <i>[free text]</i> ○ other <i>[free text]</i> ● Relationship with neighboring structures <i>[free text]</i>

**repeat subfields for each of the target lesions selected*

Bulky disease		<ul style="list-style-type: none"> Complications <i>[free text]</i>
	Notes	<i>[free text]</i>
	Site	<ul style="list-style-type: none"> Chest Abdomen Other <i>[free text]</i>
	Largest dimension	AP (mm) x LL (mm) x CC (mm) diameters <i>[Numeric]</i>
	Reference image	<ul style="list-style-type: none"> Number of reference image <i>[Numeric]</i> (with automatic link to key image) AP (mm) x LL (mm) x CC (mm) diameters on reference image <i>[Numeric]</i>
	CT appearance	<ul style="list-style-type: none"> Structure <ul style="list-style-type: none"> areas of contrast enhancement <i>[free text]</i> areas of necrosis/colliquation <i>[free text]</i> Relationship with neighboring structures <ul style="list-style-type: none"> airways (displacement / compression / infiltration) vessels (displacement / compression / infiltration) other <i>[free text]</i> Complications <ul style="list-style-type: none"> airway compression vascular compression vessel thrombosis other <i>[free text]</i>
Spleen	Notes	<i>[free text]</i>
	Largest dimension (measured on longitudinal MPR)	<ul style="list-style-type: none"> normal (<12cm) borderline high (12-13cm) splenomegaly (>13cm)
	Structure	<ul style="list-style-type: none"> homogeneous inhomogeneous/micronodular focal lesions <i>[Numeric]*</i>
	*if focal lesions, specify for up to 2 target lesions:	<ul style="list-style-type: none"> Largest dimension on axial plane (mm) <i>[Numeric]</i> Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> Number of reference image <i>[Numeric]</i> (with automatic link to key image)
Extranodal disease <i>*open subfields for each extranodal site selected)</i>	Site (up to 2 target lesions can be selected)	<ul style="list-style-type: none"> Limited disease (stage I-II) / advanced disease (stage III-IV) <ul style="list-style-type: none"> liver kidney lung

		<ul style="list-style-type: none"> ○ GI tract ○ muscles/skin ○ orbit ○ CNS ○ bone ○ other extranodal sites
	Liver	<ul style="list-style-type: none"> ● Hepatomegaly (Yes/No) <ul style="list-style-type: none"> ○ If Yes: homogeneous / inhomogeneous ● Focal lesions <i>[Numeric]*</i> ● CT appearance <i>[free text]</i>
	*if focal lesions, specify for up to 2 target lesions:	<ul style="list-style-type: none"> ● Largest dimension on axial plane (mm) <i>[Numeric]</i> ● Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> ● Number of reference image <i>[Numeric]</i> (with automatic link to key image)
	Kidney	<ul style="list-style-type: none"> ● Unilateral / bilateral involvement ● Hilar / perirenal / extrarenal involvement ● Focal lesions <i>[Numeric]*</i> ● CT appearance <i>[free text]</i>
	*if focal lesions, specify for up to 2 target lesions:	<ul style="list-style-type: none"> ● Largest dimension on axial plane (mm) <i>[Numeric]</i> ● Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> ● Number of reference image <i>[Numeric]</i> (with automatic link to key image)
	Lung	<ul style="list-style-type: none"> ● Site of lung involvement (right/left, lobe, segment) ● CT appearance <ul style="list-style-type: none"> ○ Single mass (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i>, Number of reference image <i>[Numeric]</i> (with automatic link to key image)) ○ Multiple lesions (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> for up to 2 target lesions, Number of reference image <i>[Numeric]</i> (with automatic link to key image)) ○ Consolidation ○ Interstitial involvement ○ Parenchymal infiltration by lymphadenopathies ○ structure <i>[free text]</i> ○ other <i>[free text]</i>

	GI tract	<ul style="list-style-type: none"> ● Site of GI involvement (stomach, duodenum, jejunum, ileum, cecum/appendix, colon/rectum) ● Focal lesions (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> for up to 2 target lesions, Number of reference image <i>[Numeric]</i> (with automatic link to key image) ● CT appearance <ul style="list-style-type: none"> ○ vegetating lesion ○ ulcerated lesion ○ stenosing lesion ○ structure <i>[free text]</i> ○ other <i>[free text]</i>
	Muscles/skin	<ul style="list-style-type: none"> ● Site of lesions <i>[free text]</i> ● Focal lesions (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> for up to 2 target lesions, Number of reference image <i>[Numeric]</i> (with automatic link to key image) ● CT appearance <i>[free text]</i>
	Orbit	<ul style="list-style-type: none"> ● Site of lesions <i>[free text]</i> ● Focal lesions (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> for up to 2 target lesions, Number of reference image <i>[Numeric]</i> (with automatic link to key image) ● CT appearance <i>[free text]</i>
	CNS	<ul style="list-style-type: none"> ● Site of lesions <ul style="list-style-type: none"> ○ brain lobes ○ brainstem ○ cerebellum ○ other <i>[free text]</i> ● Focal lesions (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm) <i>[Numeric]</i> for up to 2 target lesions, Number of reference image <i>[Numeric]</i> (with automatic link to key image) ● CT appearance <i>[free text]</i>
	Bone	<ul style="list-style-type: none"> ● Site of lesions <i>[free text]</i> ● Focal lesions (if Yes: Largest dimension on axial plane (mm) <i>[Numeric]</i>, Dimension of the axis perpendicular to the largest diameter (mm)

Non-measurable lesions		<p>[Numeric] for up to 2 target lesions within soft tissue components, Number of reference image [Numeric] (with automatic link to key image)</p> <ul style="list-style-type: none"> CT appearance [free text]
	Other extranodal sites	<ul style="list-style-type: none"> Site of lesions [free text] Focal lesions (if Yes: Largest dimension on axial plane (mm) [Numeric], Dimension of the axis perpendicular to the largest diameter (mm) [Numeric] for up to 2 target lesions, Number of reference image [Numeric] (with automatic link to key image) CT appearance [free text]
	Yes/No If Yes:	<ul style="list-style-type: none"> Pleura <ul style="list-style-type: none"> effusion (thickness) [Numeric] nodules/thickening [free text] Pericardium <ul style="list-style-type: none"> effusion (thickness) [Numeric] nodules/thickening [free text] Peritoneum <ul style="list-style-type: none"> effusion (thickness) [Numeric] nodules/thickening [free text] CT appearance [free text]
	TL(n)*	<ul style="list-style-type: none"> Nodal (N) / extranodal disease (E)* Site* Number of reference image [Numeric] (with automatic link to key image) Size and CT appearance*
SELECTED TARGET LESIONS (TL) (note: n≥6 in diffuse disease) <i>*Repeat fields for n times</i>		
TOTAL LESION BURDEN	Sum Product Diameter	(mm) [Numeric]
	Volume of target lesions	(mm ³) [Numeric]
COMPLICATIONS		<ul style="list-style-type: none"> Thrombosis Pneumonia Other [free text]
INCIDENTAL FINDINGS		[free text]
NOTES		[free text]

CONCLUSIONS (note: according to Lugano revision of Ann Arbor criteria)		<ul style="list-style-type: none"> Limited disease / Advanced disease Stage I-II / III-IV Other [free text]
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IMAGES

FIELD	DETAIL	ADMITTED VALUES
Key images	Key images	[Image]