

European Network for the Study of Adrenal Tumors Center of Excellence

Checklist for certification

Centers applying for initial certification should fill in data for the calendar year before application – If these data are not available – the starting point for data collection is the day of enrolment into the CoE program.

Centers applying for re-certification fill in data of the last calendar year (all key figures, not only annual data).

1. General Requirements

Center is registered as part of the ENSAT registry (approved by the local ethics committee)	<input type="checkbox"/> yes <input type="checkbox"/> no
A minimum of 150 patients in the ENS@T registry is provided.	<input type="checkbox"/> yes <input type="checkbox"/> no number: _____
Infrastructure for biobanking is established (freezer, informed consent ...)	<input type="checkbox"/> yes <input type="checkbox"/> no

2. ENS@T Center of Excellence for Adrenocortical Carcinoma

Application for ACC CoE?	<input type="checkbox"/> yes <input type="checkbox"/> no
If yes, new Application?	<input type="checkbox"/> yes <input type="checkbox"/> no
If no, date of first accreditation?	

1. Total number of patients (new and follow-up) per year (average of 3 years) seen in the center: ≥ 10 patients with proven adrenocortical carcinoma (ACC) as documented in the ENS@T registry	<input type="checkbox"/> yes <input type="checkbox"/> no number:
2. Current survival status (within the last 12 months) of at least 80% of patients diagnosed in the last 3 years	<input type="checkbox"/> yes <input type="checkbox"/> no
3. Mean clinical annotation (defined in the ENS@T registry) per patients: ≥ 5	<input type="checkbox"/> yes <input type="checkbox"/> no number:
4. A minimum of 30 different biosamples (e.g. tumor, blood, urine...) of patients diagnosed in the last 3 years suitable and available for ENSAT research project	<input type="checkbox"/> yes <input type="checkbox"/> no number:
Required board-certified medical specialties (signatures provided)	
Endocrinologist	<input type="checkbox"/> yes <input type="checkbox"/> no
Oncologist / radiation oncologist	<input type="checkbox"/> yes <input type="checkbox"/> no
Surgical team experienced in endocrine oncology / adrenal surgery	<input type="checkbox"/> yes <input type="checkbox"/> no
Radiologist / nuclear medicine physician	<input type="checkbox"/> yes <input type="checkbox"/> no
Pathologist with adrenal expertise (possible as established collaboration outside the center)	<input type="checkbox"/> yes <input type="checkbox"/> no
Structural and technical requirements	
- Multidisciplinary team meetings, in all disciplines mentioned above, at least twice per month	<input type="checkbox"/> yes <input type="checkbox"/> no schedule:
- Center specific standard-operating procedures for the management of patients with ACC (adapting the most recent ESE-ENS@T guidelines)	<input type="checkbox"/> yes <input type="checkbox"/> no

<p>- Facilities to review and manage patients in an in- and outpatient setting</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>
<p>- Access to imaging facility (computed tomography, magnetic resonance imaging and PET scanning)*</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>
<p>- Access to laboratory facility for relevant hormone measurements</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>
<p>- Dedicated website with key information (including contact data) for patients and referring doctors</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no URL:</p>

* if PET imaging is generally not available for clinical practice in a given country, this requirement can be waived upon request

3. ENS@T Center of Excellence for Pheochromocytoma / Paraganglioma

Application for PPGL CoE?	<input type="checkbox"/> yes <input type="checkbox"/> no
If yes, new Application?	<input type="checkbox"/> yes <input type="checkbox"/> no
If no, date of first accreditation?	

1. Total number of patients (new and follow-up) per year (average of 3 years) seen in the center: 25 patients with proven PPGL as documented in the ENS@T registry	<input type="checkbox"/> yes <input type="checkbox"/> no number:
2. Current survival status (within the last 18 months) of at least 50% of patients diagnosed in the last 5 years	<input type="checkbox"/> yes <input type="checkbox"/> no
3. Mean clinical annotation (defined by the ENS@T registry) per patients: ≥5	<input type="checkbox"/> yes <input type="checkbox"/> no
4. Genetic status is available in at least 80% of patients diagnosed in the last 5 years* * if genetic testing is not available in a given country, testing within ENSAT research projects should be aimed at.	<input type="checkbox"/> yes <input type="checkbox"/> no percentage: %
5. A minimum of 50 different biosamples (e.g. tumor, blood, urine...) suitable for ENSAT research project	<input type="checkbox"/> yes <input type="checkbox"/> no number:
Required board-certified medical specialties (signatures provided)	
Endocrinologist or hypertensiologist	<input type="checkbox"/> yes <input type="checkbox"/> no
Surgical team experienced in endocrine oncology / adrenal surgery (access to surgeons with special expertise in head and neck surgery)	<input type="checkbox"/> yes <input type="checkbox"/> no
Radiologist/nuclear medicine physician	<input type="checkbox"/> yes <input type="checkbox"/> no
Oncologist/radiation oncologist (optional)	<input type="checkbox"/> yes <input type="checkbox"/> no
Pathologist with PPGL expertise (possible as established collaboration outside the center)	<input type="checkbox"/> yes <input type="checkbox"/> no
Human geneticist (possible as established collaboration outside the center)	<input type="checkbox"/> yes <input type="checkbox"/> no
Structural and technical requirements	<input type="checkbox"/> yes <input type="checkbox"/> no

<ul style="list-style-type: none"> - Multidisciplinary team meetings, in all disciplines mentioned above, at least twice per month - Center specific standard-operating procedures for the management of patients with PPGL (adapting the most recent ESE-ENS@T and Endocrine Society guidelines) - Facilities to review and manage patients in an in- and outpatient setting - Access to an imaging facility (at least computed tomography, magnet resonance imaging, PET scanning, somatostatin-based and MIBG-based imaging)* - Access to somatostatin-based and MIBG-based therapy* - Access to laboratory facility for relevant hormone measurements (including measurement of plasma or urinary metanephrines) - Dedicated website with key information (including contact data) for patients and referring doctors 	<p>schedule: </p> <p><input type="checkbox"/> yes <input type="checkbox"/> no documented how? </p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no URL:</p>
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4. ENS@T Center of for Adrenal Incidentaloma (Non-Aldosterone Producing Adrenocortical Adenoma)

Application for NAPACA CoE?	<input type="checkbox"/> yes <input type="checkbox"/> no
If yes, new Application?	<input type="checkbox"/> yes <input type="checkbox"/> no
If no, date of first accreditation?	

<ul style="list-style-type: none"> - 15 <u>new</u> patients evaluated in the center per year (average of 3 years) with NAPACAs greater than 4 cm as documented in the ENS@T registry. <u>or</u> - 15 <u>new</u> patients with autonomous cortisol secretion evaluated in the center as documented in the ENS@T registry. <u>or</u> - 10 <u>new</u> patients with bilateral masses evaluated in the center as documented in the ENS@T registry. <u>or</u> - 50 <u>new</u> patients per year with adrenal incidentaloma (independent of tumor size) evaluated in the center as documented in the ENS@T registry. 	<input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number:
1. Current follow-up status [#] (within the last 18 months) of at least 50% of patients diagnosed in the last 5 years # as defined by the registry	<input type="checkbox"/> yes <input type="checkbox"/> no
2. Results of dexamethasone suppression test are available in at least 80% of patients diagnosed in the last 3 years.	
3. Mean clinical annotation* per patients 3	<input type="checkbox"/> yes <input type="checkbox"/> no
4. A minimum of 50 different biosamples (e.g. blood, urine, tumor...) suitable for ENSAT research project	<input type="checkbox"/> yes <input type="checkbox"/> no number:
Required board-certified medical specialties (signatures provided) Endocrinologist Radiologist Surgeon experienced in adrenal surgery	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no

<p>Structural and technical requirements</p> <ul style="list-style-type: none"> - Interdisciplinary team meetings to discuss patients considered for surgery at least once per month - Center specific standard-operating procedures for the management of patients with NAPACA (adapting the most recent ESE-ENS@T guidelines) - Facilities to review and manage patients in an in-and outpatient setting - access to imaging facility (computed tomography, magnetic resonance imaging and PET scanning*) - Access to laboratory facility for relevant hormone measurements - Dedicated website with key information (including contact data) for patients and referring doctors 	<p><input type="checkbox"/> yes <input type="checkbox"/> no schedule: </p> <p><input type="checkbox"/> yes <input type="checkbox"/> no documented how? </p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no</p> <p><input type="checkbox"/> yes <input type="checkbox"/> no URL:</p>
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5. ENS@T Center of Excellence for Aldosterone Producing Adenoma / Primary Aldosteronism

Application for APA/PA CoE?	<input type="checkbox"/> yes <input type="checkbox"/> no
If yes, new Application?	<input type="checkbox"/> yes <input type="checkbox"/> no
If no, date of first accreditation?	

1. Total number of new patients per year (average of 3 years) seen in the center: 15 patients with proven primary aldosteronism as documented in the ENS@T registry	<input type="checkbox"/> yes <input type="checkbox"/> no number:
2. Current follow-up status# (within the last 18 months) of at least 50% of patients diagnosed in the last 5 years	<input type="checkbox"/> yes <input type="checkbox"/> no
# defined by the registry	
3. Mean clinical annotation* per patients 5	<input type="checkbox"/> yes <input type="checkbox"/> no
4. A minimum of 50 different biosamples (e.g. tumor, blood, urine...) suitable for ENSAT research project	<input type="checkbox"/> yes <input type="checkbox"/> no number:
5. Adrenal vein sampling at least 5/year	<input type="checkbox"/> yes <input type="checkbox"/> no number:
Required board-certified medical specialties (signatures provided)	
Endocrinologist or hypertensiologist	<input type="checkbox"/> yes <input type="checkbox"/> no
Interventional specialist experienced in adrenal vein sampling	<input type="checkbox"/> yes <input type="checkbox"/> no
Surgeon experienced in adrenal surgery	<input type="checkbox"/> yes <input type="checkbox"/> no
Structural and technical requirements	
- Interdisciplinary team meetings to discuss patients that will undergo surgery (at least once per month)	<input type="checkbox"/> yes <input type="checkbox"/> no schedule:
- Standard-operating procedure for the management of patients with primary aldosteronism (adapting the most recent guidelines)	<input type="checkbox"/> yes <input type="checkbox"/> no documented how?
- Facilities to review and manage patients in an in- and outpatient setting	<input type="checkbox"/> yes <input type="checkbox"/> no

<p>- State-of-the-art imaging facility (at least computed tomography and magnetic resonance imaging)</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>
<p>- Access to state-of-the-art laboratory facility for relevant hormone measurements (intra-procedural cortisol measurement desirable)</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>
<p>- Dedicated website with key information (including contact data) for patients and referring doctors</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no URL:</p>

6. ENS@T Research Center of Excellence for adrenal tumors

Application for Research CoE?	<input type="checkbox"/> yes <input type="checkbox"/> no
If yes, new Application?	<input type="checkbox"/> yes <input type="checkbox"/> no
If no, date of first accreditation?	

At least one researcher is a principle investigator on basic, translational or clinical studies on adrenal tumors who has acquired national or international funding (documented within the last 5 years).	<input type="checkbox"/> yes <input type="checkbox"/> no number of researchers: sum of funding (5 years):
Number of publications of the team within the last 5 years: - 20 peer-reviewed, PubMed listed publications in the field - with at least 10 out of those with a leading authorship (first, senior or corresponding author)	<input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number:
Leading a basic/translational ENS@T studies <u>or</u> Contributing with essential techniques to an ENSAT studies <u>or</u> Presenting at least one oral talk at one of the ENSAT meeting in the last 5 years <u>or</u> Contributing in an ENSAT grant application	<input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number: <input type="checkbox"/> yes <input type="checkbox"/> no number:
Active participations in ENSAT meetings: - orals - poster	<input type="checkbox"/> yes <input type="checkbox"/> no number (last 3 years): <input type="checkbox"/> yes <input type="checkbox"/> no number (last 3 years):
Dedicated research facility:	

- clinical or IT research facility	<input type="checkbox"/> yes <input type="checkbox"/> no
<u>or</u>	
- lab space	<input type="checkbox"/> yes <input type="checkbox"/> no
<u>or</u>	
- animal facility	<input type="checkbox"/> yes <input type="checkbox"/> no