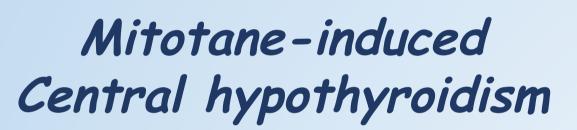


University - Hospital Padova

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European

Reference

Network

for rare or low pre

complex diseases



ceccato.filippo@gmail.com

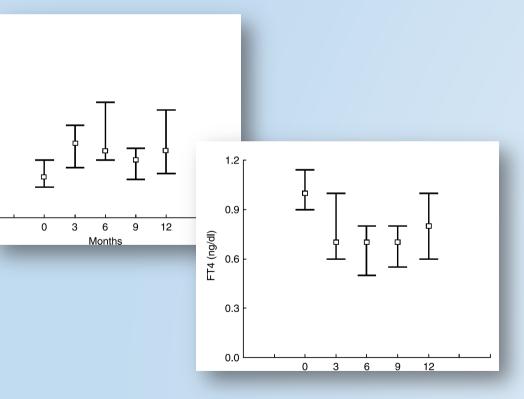




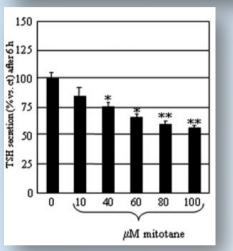
tane therapy is associated with many side effects, including central hypothyroidism

ctive evaluation of mitotane toxicity nocortical cancer patients treated ntly

ents



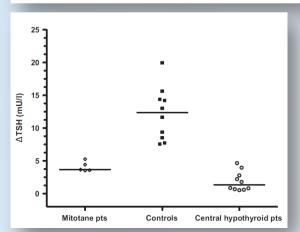
Therapeutic Concentrations of Mitotane (o,p'-DDD) Inhibit Thyrotroph Cell Viability and TSH Expression and Secretion in a Mouse Cell Line Model



In vitro

Zatelli MC, Endocrinology 2010

Mitotane treatment in patients with adrenocortical cancer causes central hypothyroidism



5 patients

F, Endoc Relat Cancer 2008

Russo M, Clin Endocri

Study design

ncrease number of patients (now 22 cases described) redictive factor for central hypo-TSH

- ✓ Only pituitary?
- ✓ All patients????
- ✓ Thyroid ultrasound and AB? FT4→FT3 increased conversion?

OL fter mitotane discontinuation? Thyroid function and cancer-ACC?

Retrospective

rospective (treat with LT4 all patients with fT4 in the 1st quartile?)



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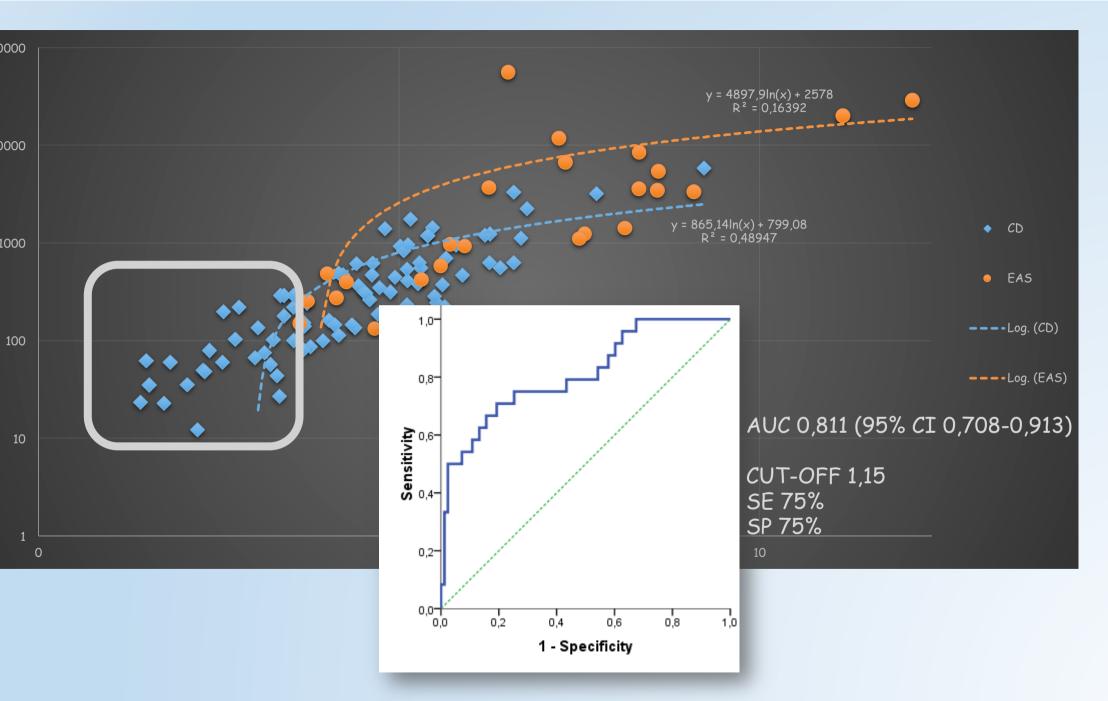
complex diseases

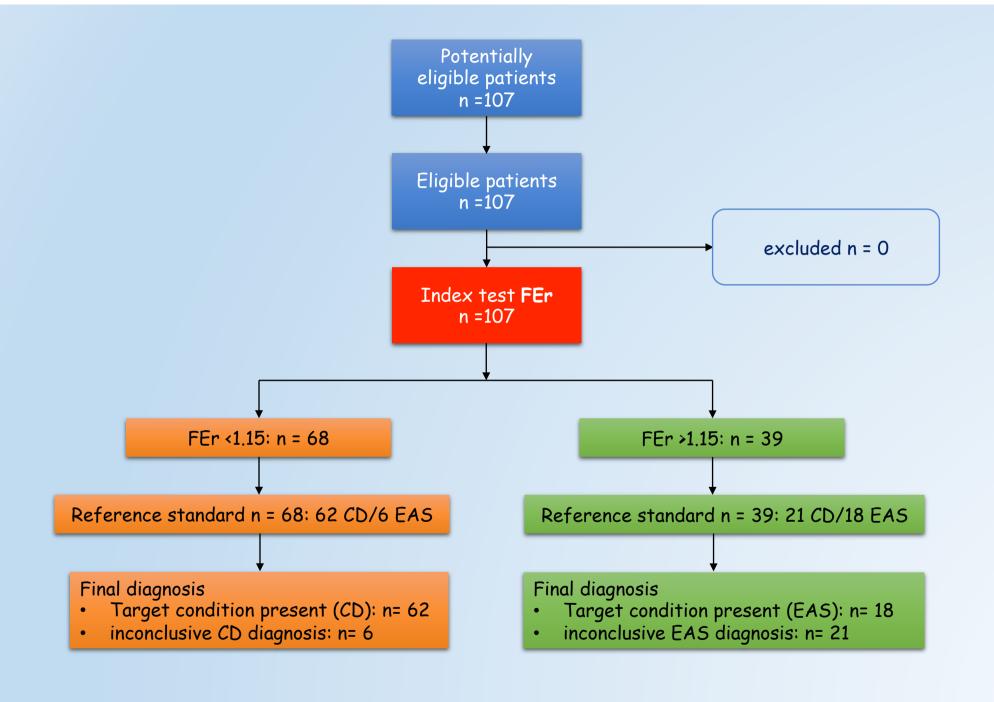
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test	pitutiary	ectopic		
	Positive response	Rare response	Good accuracy	expensive Cut-off
dose methasone ression test	Suppression > 70-80%	Rare Suppression	Good accuracy, cheap	Cut-off DEX methbolis
.VP	Positive response	Rare response	Poor accuracy	Cut-off
tary MRI	adenoma 60%	Pitutiary incidentaloma	Only large adenoma	1,5-3-4,5 Tesl Incidentaloma
55	central	periferic	Gold standard	invasive, expens





Study design

Eratio as a second line test ctopic score (2nd paper)

nples At least 5 ml, send -20° C (<12 months) stored -80° C,

Retrospective: patients with CD or EAS (BIPSS, hystology or surgical remission)

rospective (results in one week)



Any question?