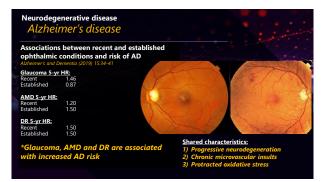
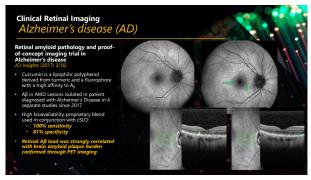
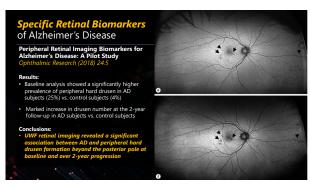


Retinal asymmetry in mi Brain (2021) 144(1):224-235	uitipie se					
		.161 0313				
Abstract easibility of OCT measures of re difference (IEPD) and inter-eye a ayer (GCIPL) complex and gangle			stic test for I e calculated	MS across 7 I for the ma	2,120 su cular GC	bjects for in C, ganglion
OCT macular GCC inter-eye without relevant co-morbid	ity	may be consider	ed as supp	ortive MS a	liagnost	ic criteria i
	sensitivity, speci	sclerosis from no ficity, positive predictive val a supportive diagnostic test	us (PPV) and neg	ative predictive va	due (NPV) fo	rthe
Table 4 The	sensitivity, speci	ificity, positive predictive val	us (PPV) and neg	ative predictive va	due (NPV) fo	r the
Table 4 The mGCIPL III mGCIPL EPD	sensitivity, speci PD and IEAD as Conell 20%	ficity, positive predictive val a supportive diagnostic test References Pezzeld et al. 2014	ue (PPV) and neg for multiple scler Specificity 99.4	Sensitivity 2,7	PPV 0.998	NPV 001
Table 4 The mGCIPL IEI mGCIPL	sensitivity, spec PD and IEAD as Cut-off	ficity, positive predictive val a supportive diagnostic test References	un (PPV) and neg for multiple sclor Specificity	ative predictive va min Sensitivity	PPV	NPV
Table 5 Sub	semitivity, specific and IEAD as Cut-off 26 % 4 % 4 pm indicates for the published similared from the competition is a supportion tenth of the published from the competition in a supportion tenth of the published from the competition in a supportion tenth of the published from the competition in a supportion tenth of the published from the published fro	Ifficity, positive gradictive val a supportive diagnostic text References Pazzel et al. 2014 Care et al. 2017 Nation Flammy et al. 2019 canoff joint for the Holdings Speccolis canoff joint for the Holdings Speccolis and Flammy et al. 2019 canoff joint for the Holdings alternal to the disposite commiss but wait on just in waiting the commission of the commission of the waiting of the commission of the commission of the waiting of the commission of the commission of the waiting of the commission of the commission of the commission of the waiting of the commission of the commission of the commission of the waiting of the commission of th	use (PPV) and neg fee multiple scler Specificity 93.4 82.8 86.8 DCT (People et 4, 2914; C ill controls to summarised in americable so surveying	active predictive vz tesis Sensitivity 2.7 51.7 43.5 Force of W., 2012-Neilen-Ken in Table (1). seat on a population level.	9PV 0.998 0.6 0.7 map et al., 2019, Al	NPV 001 932 933 933
Table 4 The mGCIPL III mGCIPL III mGCIPL III ED	sensitivity, speci PD and IEAD as Cut-off 26% 4 % 4 pm intend for the published sindral from the comp office as a supportive see	fficity, positive predictive val a supportive diagnostic test References Provide et d. 2014 Care et al. 2017 John Filmmy et al. 2019 conditionable for this Medical Security can of Foodbase Security and predictions of the disposed criticis. Let would see yet to	use (PPV) and neg fire multiple soler Specificity 23.4 46.8 DOT (model of all 3314-0 is corools to sensited a sanirable as screening on NMSOD Specificity	Sensitivity 27 51.7 43.5 Cork et al., 2012/Notan-Ken to Tole 11.	9PV 0.998 0.6 0.7	NPV 001 959 959
Table 5 Sub	semitivity, specific and IEAD as Cut-off 26 % 4 % 4 pm indicates for the published similared from the competition is a supportion tenth of the published from the competition in a supportion tenth of the published from the competition in a supportion tenth of the published from the competition in a supportion tenth of the published from the published fro	Ifficity, positive gradictive val a supportive diagnostic text References Pazzel et al. 2014 Care et al. 2017 Nation Flammy et al. 2019 canoff joint for the Holdings Speccolis canoff joint for the Holdings Speccolis and Flammy et al. 2019 canoff joint for the Holdings alternal to the disposite commiss but wait on just in waiting the commission of the commission of the waiting of the commission of the commission of the waiting of the commission of the commission of the waiting of the commission of the commission of the commission of the waiting of the commission of the commission of the commission of the waiting of the commission of th	use (PPV) and neg fee multiple scler Specificity 93.4 82.8 86.8 DCT (People et 4, 2914; C ill controls to summarised in americable so surveying	active predictive vz total Sensitivity 2.7 51.7 43.5 Force of W., 2012-Neilen-Ken 1 Table (1). seat on a population level.	9PV 0.998 0.6 0.7 map et al., 2019, Al	NPV 001 932 933 933

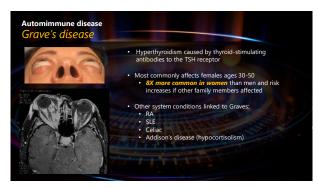
Neurodegenerative disease Alzheimer's disease	AD subject	first.	
AD is characterized by an insidious onset of cognitive decline deficits in episodic memory: Forgetting recent personal and family events Losing items around the house Repetitive questioning	e with		*
As the disease progresses, other deficits gradually arise incl. A phasia (language) A praxia (motor) A gnosa (recognition) Visuospatial difficulties Executive dysfunction	Control		C.S
Clinical diagnosis is made using McKhann (1984) criteria: Definite AD (established by postmortem or biopsy), Probable AD Possible AD (other cognitive syndromes equally, likely) Average AD survival is typically 8-12 years from symptom	n onset**		

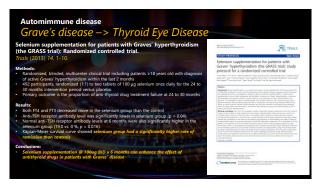


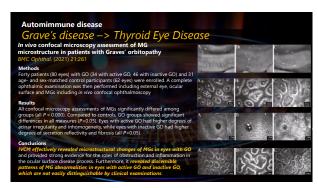












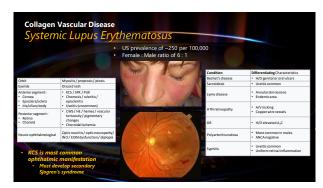


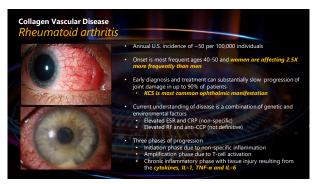


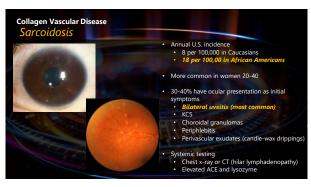


Demographic and Ophthalmic	POAG (n = 62)	Controls (n = 97)	p-value
	74 56 + 7 97	70 92 + 11 14	0.027
	45%	38%	0.027
	60%	81%	0.003
BMI (kg/m²)	27.38 ± 4.48	27.62 ± 5.48	0.773
Type 2 Diobetes (%)	37%	25%	0.096
BCVA (LogMAR)	0.36 ± 0.41	0.66 ± 0.87	0.012
HVF MD (decibels)	-11.06 ± 8.00	-	-
IOP (mmHg)	15.90 ± 4.50	15.42 ± 2.89	0.414
Cup to Disc Ratio	0.76 ± 0.15	0.33 ± 0.13	< 0.0001
Any history of systemic steroid use (%)	18%	14%	0.413
Any history of inhaled steroid use (%)	10%	20%	0.168
Autoimmune disease (%)	27%	9%	0.003
	Type 2 Diobetes (%) BCVA (LogMAR) HNF-MD (decibles) IOP (mmHg) Cup to Disc Ratio Any history of systemic steroid use (%) Any history of inhaled steroid use (%)	Age (peers) 74.56 ± 7.97 Gender (R mole) 45% Roce (R Goursailen) 60% Roce (R Goursailen) 23.3 ± 4.48 Type 2 Doubetes (N) 376 ± 0.41 Sec (N) (Logdebox 3.5 ± 0.41 Control (R Goursailen) 15.50 ± 4.50 Cop (mole) 0.76 ± 0.03 Asy history of systemic steroid use (N) 10% Asy history of systemic steroid use (N) 10%	Age (bears) 74.56.17.37 70.52.21.11.4 Gender (K mole) 45% 38% Bixer (K Guessian) 60% 81% Bixer (K Guessian) 273.81.4.48 27.24.5.4.6 Fype 2 Diselects (R) 37% 20% Construction (Logical Applications) 1.05.4.8.00 0.06.1.0.27 LOP (mmilg) 1.55.0.9.4.50 1.54.2.2.80 Cop to Dise Ross 0.07 (mmilg) 1.50.9.4.50 1.54.2.2.80 Asy hottory of systemic steroid use (N) 18% 10% 1.05.4.0.00 Asy hottory of inhelied steroid use (N) 10% 20% 20%





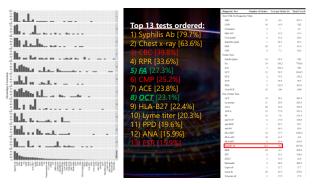


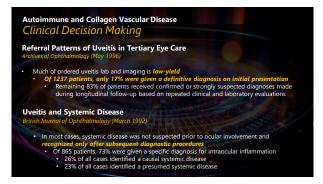


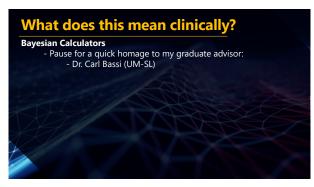










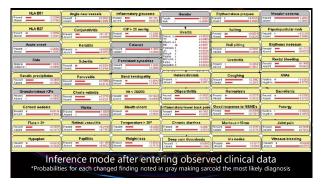


Development and validation of diagnosis of anterior uveitis Eye (2016) 30(6): 865-872	of Bayesian netwo	ork for differential
 11 most common etiologies were reprobability 	reviewed using Bayes	theorem of conditioned
Idiopathic ankylosing spondylitis Inflammatory bowel disease Posner-Schlossman	Psoriatic arthritis Sarcoidosis Bechet's	Reactive arthritis Tuberculosis
Fuchs' heterochromic cyclitis	Juvenile idiopathic a	rthritis
2954 case of anterior uveitis diagni 200 randomly selected case and retrospective validation Epidemiology, clinical signs/syn	d diagnostics were ev	valuated using a
algorithmResults were compared to senion	or clinician diagnosis	(gold standard)

Development and validation of Bayesian network for differential diagnosis of anterior uveitis Eye (2016) 30(6): 865-872
Pre-test probability or $\rho(A)$ = uveitis diagnosis according to population average Pre-test probability or $\rho(B)$ = RA diagnosis according to population average Pre-test probability or $\rho(B A)$ = RA diagnosis when uveitis present
$p(A B) = \frac{p(B A) \cdot p(A)}{p(B)}$ Positive likelihood ratio = $\frac{\text{Sensitivity}}{1 - \text{Specificity}}$ Negative likelihood ratio = $\frac{1 - \text{Sensitivity}}{\text{Specificity}}$
Post-test probability or $\rho(A B)$ = uveitis etiology average given identifying characteristic (e.g. RA) Post-test probability = (pre-test probability) * (Likelihood ratio)

HLA B51	Angle new vessels	Inflammatory glaucoma	Gender	Enthematous plaques	Macular oedema		
Prepart 10:2907 Absent 10:7600	Protest 1 10,0156 Alcord 10,0014	Inflammatory glaucoma Present = 10,3169 About 10,5831	Fearale 10.5000 Male 10.5000	Present # 10,0336 /8x001 10,0560	Present ## 10,1364 ACANT #0,8638		
HLA B27	Conjunctivitis	ICP > 25 mmHg Present 16.1724 Absent 16.8276	Liveitis	Present 10.5049 About 10.6051	Papulopustular rash		
Absent 107169	200017	Absert 10.82%	Seres_to = 10,0013	Aboen: 10,4961	Accent 10.9703		
Acute onest	16 - markets	Cataraet	React. is in 10,0036	Moll adding	Forthama nodosum		
Present 10.6736	Drenant a IOTOES	French III 10:1747	Pooriocis • 10.0218	Nail pitting	Prepert # 10.0354		
Abset 103274	Absert 10.5735	Absert = 10.8353	Behoet # 10.0125				
Side	Scientile	Persistent synechiae Froort 10 2050 Absert 10 2050	#000er 10,0425 #27+#55 10,0354	Urethritis 10.0047 Append 10.8453 10.8453	Rectal bleeding		
Discord 10.4006	Present # 10.0368	Freedrit 10 2950	stoewho 10,5000	Precent # 10.0647	Present = 10,1394 About = 10,0006		
Keratic precipitates	Panuveitis	Band keratopathy	Heterochromia	Coughing	ANAs		
Present 10.7051 Alcord 10.2149	Procest III 10.0072	Band keratopathy Present # 10,0000 Assert # 10,0000	Absert # I CD457	Present = 10.1925 Accord = 10.9476	Postive # 10.936 Negetive # 10.9364		
Granulomatous KPs	Chorlo-retinitis	VA < 20/200	Oligoarthritis	Hemoptysis	Sacrolleitis		
Procest 10.1374 About 10.0026	Present = 10.0076 About = 10.9122	Procest # 10,0500 Absert # 10,9501	Accert 10.7390	Present # 10.0197 Aboert # 0.6683	Akon't 10.8479		
				O d			
Corneal cedema	Vitritis	Mouth ulcers	Inflammatory lower back pain	Good response to NSAUS	Postive 1 10.0126		
About 10,9034	Abourt 10,7859	Mouth ulcers	Akcort 10.8992	Abone 10.5574	Negative 10.9575		
Flore y 14	Dation assemble	Temperature > 200	Chronic diserbox	Mantaum > Mana	Talas auto		
Present 10.3159	Present # 10,0011	Temperature > 38°	Present # 10,0073	Fresent Im 10 1001	Present 10.4946		
About 10,6061	28/00FE 10,9393	Abrest 10.0153	Absert 10.0127	Accent = 10.0319	About 10.0064		
Hypopien	Papillitis	Weight loss	Deen vain thromhosis	Iris nodes	Vitreous bleeding		
Present to 10,0009	Present - 10,1893	Present = 10,0620 Absent = 10,9475	Present 1 10.0003 About 1 10.0077	Fresert # 10.0423	Present 1 10,0212 About 10,9788		
A0041 10.9191	10,000	ASSET TESTS	About 1 0.0077	103977	10.9788		

Bayesian inference mode using only population averages and zero clinical data



die	Agr	Sex Chronicity Laterality		Laterality	Findings	Clinical diagnosis		Predicted probability (%)									
							Mopethic	B274/AS	Sercoldmis	βA	TB	IBD	Poster	Facis	RA	PA	Belo
	63	Female	Chronic	Bilateral	Granulomatous KPs, vitritis, cataract, synechiae, CMO	Sarcoidosis	2	0	56	1	5	6	0	0	0	0	0
	28	Male	Acute		Flare 4+, synechiae, back pain, HLA-827+	Ankylosing spondylitis	0	97	0	2	0	0	o	0	0		0
	41	Female	Acute	Unilsteral	Flare 4+, hypopion, parsuveitis, vasculitis, VA < 20/200, B51+	Behoet's disease	1	0	0	0	0	0	0	0	0	0	99
	57	Fernale	Acute	Unilsteral	Posterior symethiae, B27+, chronic diambea and rectal bleeding	IBD	28	9	0	0	1	59	0	0	2	1	0
	36	Male	Chronic	Unilateral	Stellate KPs, glaucoma, cataract	Fuch's	17	0	1	10	1	5	0	61	0	5	0
	14	Male	Chronic	Bilateral	Fine KPs, Flare 3+, vitritis, glaucoma, cataract, synochiae, VA < 20/200, arthritis	JIA	11	0	22	52	0	1	0	0	1	0	14
	55	Female	Acute	Unilsteral	Glaucoma, IOP 42 mm Hg	Posner	25	1	0	0	1	1	679	1	0	1	0
	58	Female	Acute	Bilsteral	Skin plagues, itching, nail pitting	Psoriasic arthritis	3	0	0	0	0	0	0	0	0	92	0
	17	Male	Acute	Bilateral	Vitritis, urethritis, joint pain	Reactive arthritis	10	0	0	0	0	0	0	0	89	0	0
j	50	Female	Chronic	Unilsteral	Granulomatous KPs, Vitritis, CMO, positive PPD	TB	4	0	31	0	99	6	0	0	0	0	0

What does th	nis mean clinica	ally?
Uveitis Laboratory Work Up: Making Smart Choices		Estiman Professed Bracilia Pottern - Shellis Warksheet
	Infectious Uvetts	Prince of collegen variously disease
Understanding Berman statistics and Implications	Differential dispersion of inflatform elicitories are resultd	 If degree relative
Charles 4 has a Company of the conceptor		 Age of enset.
Composits and with offer executing and discussions in specifical in appendix of the common and discussions in appendix of the common and discussions of the specific of the common and discussions are also an additional discussions and discussions are additional discussions are additional discussions are additional discussions and discussions		: Desire of beings
- Paled with no findings would therefore have a 1 to protein a would be recorded	 Proteito discoplaracieis, toscoriaria, escocarceria; infectora should be investigane. Lacobisto not contact de ser accessor o ordan sopratifica artistica anticita. 	 Collegen vescular disease (RA / SCE / sercold)
PPV = 0 10-5000 000-5000-5000-1 0:00	 Heroducts and proteinuss are assessed in measure vasculate, economised mile Mark. 	
		is Inflammatory Sound Chanse (Crafter), (UC)
Only 1.PS of cases that were moved positive might actually have that allowane.	Tableroidoses, Hypotheboldy, Eathpobards were screened for biteroidose with purified protein	 Current febrile limes
Using Dayes' theorem. Only way to increase post-less probability is to narrow the general prevalence.	annatives PPTD or detection of Pfiry expression following artigen stimulation (Quantiferon [®]) tests.	Semestings increment Secret Start
by performing the diagnostic lost in cases with specific clinical findings	PPI's would be test than 10%. PPI's of these tests would number sig to 69%; only above performed at an enderso area or for a patient with chance from a supporting of tubercustom such as	Book Vale
	If an endernic area of for a patient with concarterings suggestive of Liberculous such as sensores a leases.	. Non-información subcommo numbra
MORRISE SONIES (MISS-CE ARE ARREST)	supplied kilos.	* MPR brand confirmatory FTS-MECO-E
Classe sprightnes pain, redness, and photographic, Classe sees include consentation from their properties.		
	Sightilla. Non-Imponental venerali doesse research laboratories (I/CPL) and topic plasma resgin	 MNA-SINCEFE SUSPECIAL (FIRE / INDIFFECT /
Tests to include:	(\$74) are used to occur active synhility disease, whereas trapersonal (\$74.426, \$604.79; \$704, \$10, and examine to the transfer accounts \$7, collector asserter artificiates and demonstrate convince.	ACE - Systems (DACF Florigacine) carcino) ASCA (DCCASSIS) for providing substitut (PSE) revised sequelled.
"HLARZT.	LIFE SHE SQUARE QUI MASS MODIFICE I. DANIGUM SPACING MISSORIA AND DANIGHTERS DIRECTLY.	DISCA (DISCASSIVE) for recreating solvents / PUR / restnd securities Describeron and a COST in recognited or analysis (Till)
French ACT and Sections coefficiently and rategraphy and	- 30N of RPR and VDRL tests may give false regative results for latent disease and	Quarter on good (pric? is supposed or enterior (it) PATE / Machine and Information of enterior (units disease).
FQuartitina tests	exprogehile. In tertain returns contain, where the pressiones is higher due to selection tries, initially a security test (Supplies (et.) or FTE-USE) is accommodated in order to exact fisher.	 Cheek a cop (CNCY of suspected TE, servand
Treats to send: RF, MSA and MSCN are underly resized to antenor weeks in adult population.	regelve results.	- BOA
		0 856
Minima Rata Charles		 Felli Falssen er FV TK
Consiste Mallares include activered, witness filling year others refinal paraeltantes annealistic		- Nati
		- Supple - Supple recovery or antonomia
Section actuals:	Name of States Committee	o Consensual photo-occidencia
19PR questimatory FTA-Midd; Fascum ACE and biodynes confirmation creed radiography;	Name Legislation Street, Services (S27-56) 4-027). With 7% repositors in a correct consistion, the	
	Human Legislichte Antilgen tazi" (HEX-4021), firm the prevaeuron in a normal population, the puressalably of Id. E-027 programs from 53 to 60% in region with antilgenial province sensory applies	M.
* Quartiero lecis	FFY of the test varies depending on the protons; location with antener systic being highest.	Presence of Kife (acute or choris) Presence of Surgace and Associate
		 Presence of Kongger or Susciana modules.
Tests in end; H,A-82T, RF, ANCA-sec ANA	Author/lear and/order (ANA). With a conflive predictive value of Th. It has sen limited use in	- Southe Imaging
Paninta Fananda	pergeberal selectative decision and variculties.	□ DCF h tree factor
 Top in healingists' compaint of decreased usion and floaters without the classic symptoms of size and introductio associated with prients used in 		Identification of CME and chronic RFE changes OFTA
pain and photophobia associated with ariterior owers.	Antineutrophil cataplasmic antibodies (AACA). These are exclusively beneficial for differential	S Contribution and the assessment
Tests to exhabit	Antineutrophil cytoplasmic antibodies (AMCA). These are exclusively beneficial for differential diagnosis of necrolong adentis, peraheral alconoline keratilis and relinal yearcalitis.	 Death South approximate Marrish spriv years (the ideas since / shorter politics / South's / intraceting)
TRPH continuosy FTA-MICE.	Explose of Necoscol Committee or Committee o	
Pleasure ACE and Specifyme confilmatory cheel radiographys, 15 years sension:		
Figure serings Figure Sering	Augistreeks converting exzyme (BCE). ACE has a moderate sensitivity and specificity: an increase	
*Quarterniess	in ACS were has a PPV around office in diagnosing carcoclassic associated usertic, which is thought to increase up to T2% when complete with increased serum inoccurre levels.	
Sweet to south HEARDY, RV. AND A LOS AND EMPLY AND AREA OF INSIGHT SAFETY AND		

