



臺北醫學大學 泌尿腎臟研究中心 會議記錄

時間：**112年7月28日(星期五) 14:00-15:00**

地點：視訊會議-(請以正式全名登入會議室，以利進行會議簽到)

使用 Google Meet (會議前 10 分鐘即開啟會議室)

會議室連結：<https://meet.google.com/dcd-risz-xew>

(敬略稱位)

會議主席：吳麥斯

與會人員：

【附醫】劉明哲、葉劭德、吳建志、林孝友、吳政誠、張景欣、陳偉傑、羅詩修、
戴定恩、方德昭、陳錫賢、林彥仲、吳岳霖、高治圻、陳靜怡、葉曙慶、
邵明珠、周安琪

【萬芳】溫玉清、李良明、林克勳、林雍偉、蕭志豪、許軒豪、賴宗豪、鍾卓興、
鄭仲益、陳作孝、蘇裕謀、劉崇德、楊韻紅、李明哲、鍾卓興

【雙和】吳佳璋、陳冠州、劉家宏、江怡德、鄒凱亦、高偉棠、胡書維、魏汶玲、
吳美儀、洪麗玉、鄭彩梅、邱怡仁、陳佑瑋、廖家德、游博翰、陳正憲、
邱惠雯

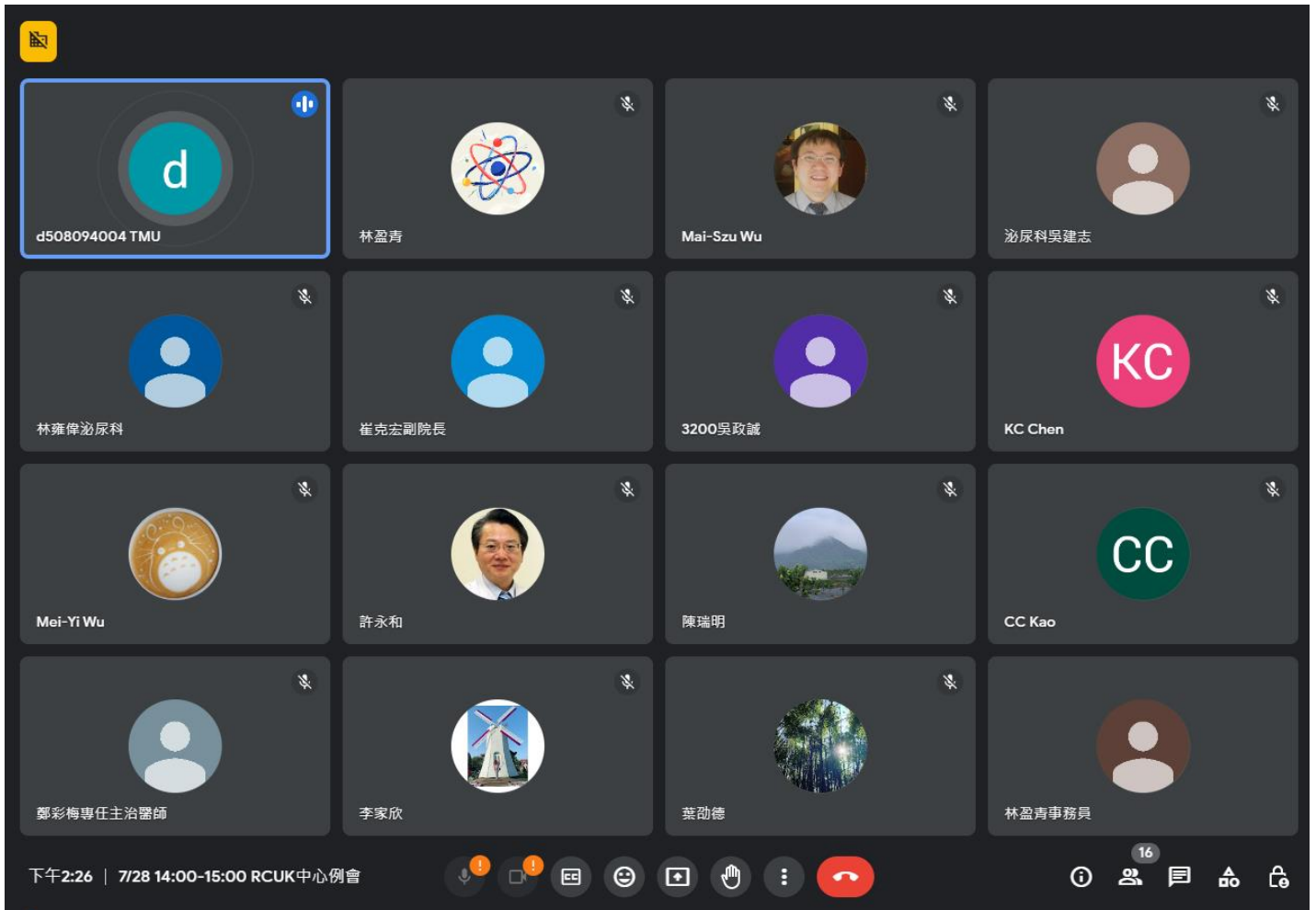
【新國民】許永和、鄒居霖

長官指導：

林建煌校長、李岡遠研發長、許志成教授、崔克宏副院長、陳瑞明所長

議程：

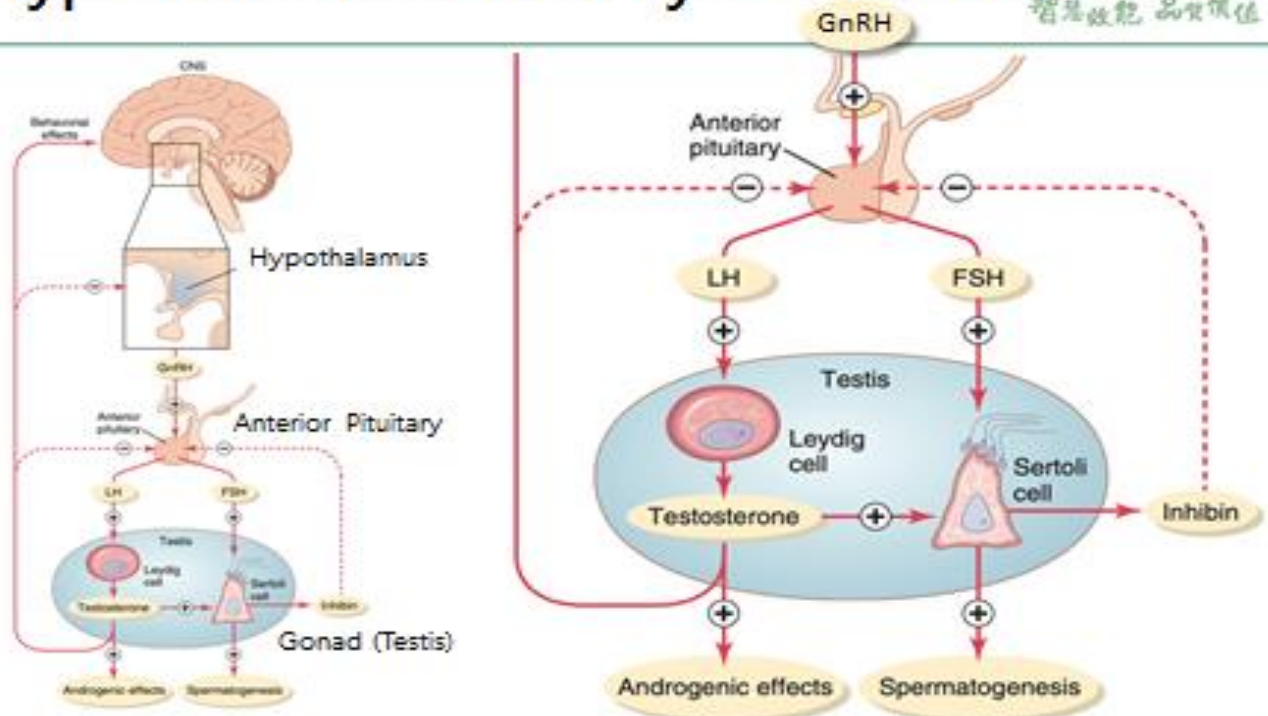
一、功能性泌尿團隊 小組報告



Prediction of Sperm Retrieval Rate - for Evidence of Shared Decision Making

附醫泌尿科 吳建志

Hypothalamus-Pituitary-Gonad Axis



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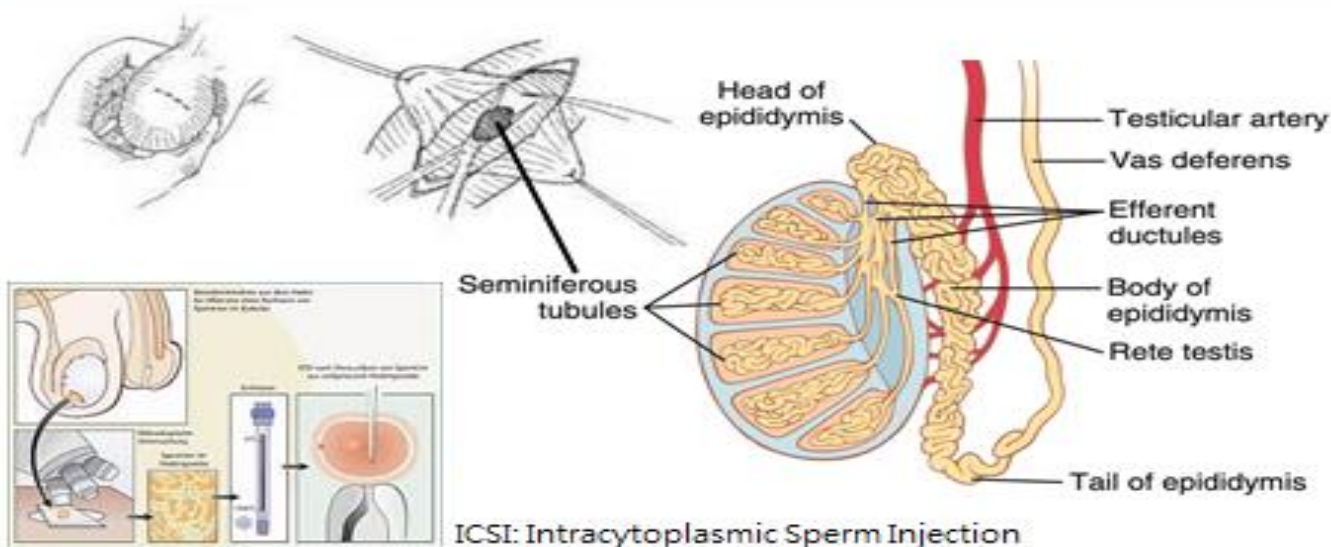
Indication of Sperm Retrieval

- Obstructive Azoospermia (OA)
 - CBAVD (congenital bilateral absence of vas deferens)
 - Post Vasectomy
 - Idiopathic OA
- Non-obstructive azoospermia (NOA)
- Severe OAT/Cryptozoospermia
- Ejaculatory Disorder
 - Anejaculation
 - Retarded ejaculation
 - Retrograde ejaculation

(OAT: oligoasthenotetrazoospermia)

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Testis Sperm Extraction, TESE



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Clinical manifestations of Azoospermia

Classical Expression

Pre-OP Diagnosis	Testis size	FSH	Result of Sperm Retrieval	
			Sperm count	Motility
OA	N	N	Good	Good/Poor
NOA	S	↑	Not found	-
Severe OAT	N/S	N/↑	Very few	Poor/Non-motile
Ejaculatory	N	N	Good	Good/Poor

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TMUH Sperm Retrieval Rate Data



Pre-OP Diagnosis		Patient No.	% (N = 112)
Obstructive Azoospermia	CBAVD	15	13.4
	Post-Vasectomy	16	14.3
	idiopathic OA	30	26.8
	Subtotal	61	54.5
Ejaculatory Disorder		11	9.8
Severe OAT/Cryptozoospermia		17	15.2
Non-Obstructive Azoospermia (NOA)		23	20.5
Total		112 Pt	100%

• 2017/1 ~ 2023/7

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TMUH Sperm Retrieval Rate Data



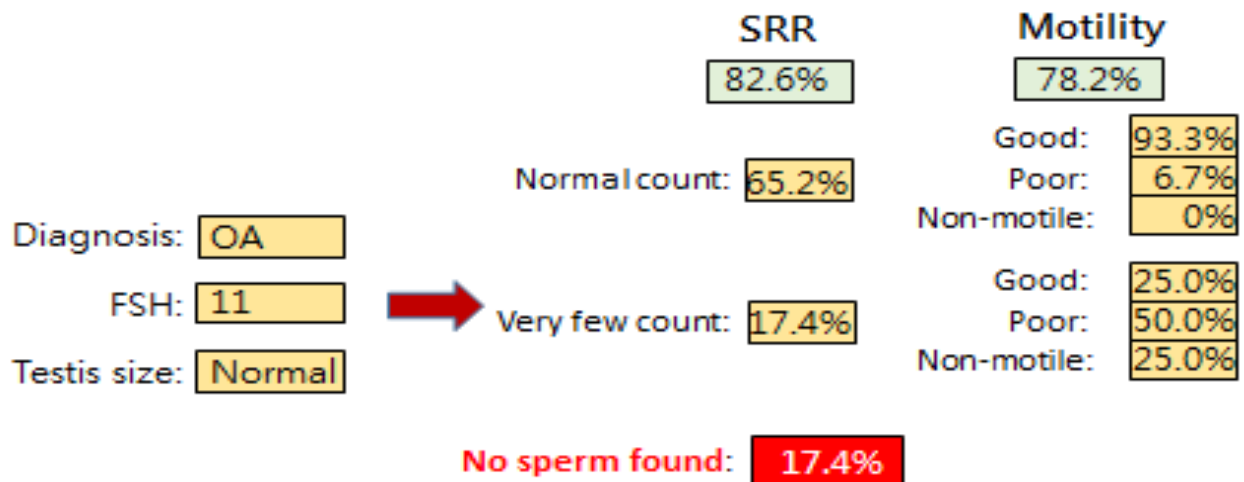
Diagnosis	Patient No.	SRR
Severe OAT/Cryptozoospermia	17	88.2%
NOA	23	43.5%
Total	40 Pt	62.5%

• 2017/1 ~ 2020/3

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Prediction of SRR

Provide for evidence of shared decision making



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Limitation

- Not enough cases
- No IRB approval → Retrospective study
- Clinical data rough and not completely
- Mainly Multiple TESE, instead of microTESE

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