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Polycystic Ovary Syndrome Center

PENN Fertility Care







Dates: June 16 - 18, 2017 Bengaluru



PCOS is an Under-Recognised Condition

for Statement		The same of the sa		
The The Androgen E	Country	Prevalence NIH	Prevalence Rotterdam	& (International
Dates	Australia	8.6-15.3%	9-21.3%	ingaluru
THE II	Brazil	NA	8.5%	
	China	2.2-7.1%	5.6-11.2%	IG
Ü	Denmark	NA	16.6%	
*	Greece	6.8%	NA	
The Androgen E	Iran	4.8-7.1%	14.1-15.2%	(International
	Italy and Spain	5.4%	NA	Œ
THE II	Mexico	6%	NA	
	Sri Lanka	NA	6.3%	
=======================================	Turkey	6.1%	19.9%	
The The Androgen E	UK	8%	NA	& (International
Date	USA	4-13%	NA	ingaluru

Lizneva et al, Fertil Steril. 2016.

Research article

The Androgen E

Diagnostic and treatment characteristics of polycystic ovary syndrome: descriptive measurements of patient perception and awareness from 657 confidential self-reports

E Scott Sills*1, Mark Perloe1, Michael J Tucker1, Carolyn R Kaplan1, Marc Georges Genton² and Glenn L Schattman³

Most significant concerns

regarding PCOS Difficulty conceiving 62%

Weight problems 16.5

Sexual dysfunction 9.8%

Patient emotions attributed to

their diagnosis

Frustrations 66.5%

Anxiety 16.3%

Sadness 10.2%

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UNRAVEL PCOS Experience - Australia

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Satisfaction with manner of diagnosis

Dissatisfied

Neither satisfied nor dissatisfied

Satisfied

Given or referred to information

at PCOS diagnosis

No

Yes

Yes, but it was inadequate

Satisfaction with information given

about PCOS (n = 84)

Dissatisfied or indifferent

Satisfied



38(18)

103 (49)

ty (India) & S Society (International)

, 2017 Bengaluru

126 (60)

43 (20)



The Androgen Exces

52 (62)

32 (38)



Gibson-Helm et al, Fam Pract. 2014 Oct;31(5):545-9

Women's experiences of polycystic ovary syndrome

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Dates: June 16 - 18



Jointly Orga The PCOS Socie The Androgen Excess & PCO

Dates: June 16 - 1



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Dates: June 16 - 11

This information was not mentioned

ich a experiences of polycys	do ovary symanomic
Satisfaction with information given about	MIGINE
lifestyle management ($n = 84$)	pintly Organized by
Dissatisfied or indifferent	39 (46)
Satisfied	27 (32) une 16 - 18, 2017 Bengaluru
This information was not mentioned	18 (21)
Satisfaction with information given about	RNATION
medical therapy $(n = 84)$	WELING
Dissatisfied or indifferent	45 (53)
Satisfied	30 (36)
This information was not mentioned	9 (11) sintly Organized by COS Society (India) &
Satisfaction with information given about	ess & PCOS Society (International)
long-term complications ($n = 84$)	une 16 - 18, 2017 Bengaluru
Dissatisfied or indifferent	45 (53) CONFERENCE
Satisfied	25 (30)
This information was not mentioned	14 (17)
Satisfaction with information given about	MIGNIA
potential infertility ($n = 84$)	- Lan
Dissatisfied or indifferent	48 (57) hintly Organized by andia) &
Satisfied	32 (38) ess & PCOS Society (International)



4(4.8)

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The PCOS Society (India) &

Delayed Diagnosis and Lack of Information is associated with Dissatisfaction in Women with

Polycystic ovary Syndrome Worldwide: Opportunities

for Improving Patient Experience

The Androgen Excess & PCOS Society (International) The Androgen Excess & PCOS Society (International) The Androgen Excess & PCOS Society (International)

Melanie Gibson-Helm, Helena Teede, Andrea Dunaif, Anuja Dokras.

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The PCOS Society (India) &

JCEM, 2017



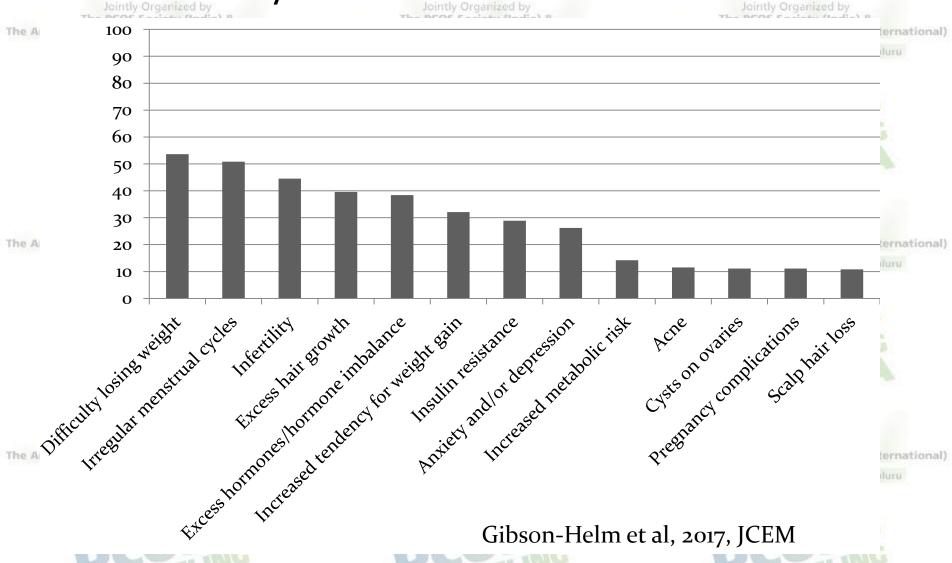




Patient Perceptions of PCOS

PCOS diagnosis experience:	Jointly Organized by The PCOS Society (India rogen Excess & PCOS Society	North America	Europety (India) & Excess & PCOS Society (Inte
Time since diagnosis	Dates: June 16 - 18, 2017	n (%)	n (%)
≤ 1.0 year	THE INTERNATIONAL COM-	103 (14.2)	47 (8.1)
1.1-5.0 years	PCU	183 (25.2)	133 (23.0)
5.1-10.0 years	UNRAIGN	181 (25.0)	152 (26.3)
> 10.0 years	第三 VIII	258 (35.6)	246 (42.6)
Time until diagnosis	The PCOS Society (India rogen Excess & PCOS Society) & v (International) The Androg	The PCOS Society (India) & en Excess & PCOS Society (Inte
Within 6 months	Dates: June 16 - 18, 2017	294 (40.5)	266 (45.9)
Within 6- 12 months	MONAL CONVERG	86 (11.9)	88 (15.2)
Within 1-2 years	THE INTERNATIONS	74 (10.2)	55 (9.4)
More than 2 years	BAVEL	271 (37.4)	171 (29.5)
Number of health profession	als seen	No.	ENIGNE
before diagnosis	Jointly Organized by		Jointly Organized by
The PCOS Society (India) & dragen Dcess & PCOS Society (International) The Andrews	The PCOS Society (India rogen Excess & PCOS Society	364 (50.0) he Androg	327 (56.8)
3 – 4	Bates, June 10 16, 2017	272 (37.4)	178 (30.9)
5 or more	WITERNATIONAL COMPENS	92 (12.6)	71 (12.3)

Perceived Key Features of Most Concern to Patients



Gibson-Helm et al, 2017, JCEM

		- MA TO A.M.	- H 10 H 10 H 10 H	THE REAL PROPERTY.
Key concerns of PCOS Jointly Organized by The PCOS Society (India) &	Age: 18-25yrs	Age: 36-45yrs	Age: >45yrs	Region: Europe
Reference category	te Androgen Excess & PCC Dates: June 16 - 1	26-35 years	The Androgen Excess & P Dates: June 16	North America
Difficulty losing weight	1.0	1.1	1.3	0.7*
	(0.8 to 1.4)	(0.9 to 1.4)	(0.8 to 2.0)	(0.6 to 0.9)
Irregular cycles	1.5*	0.6*	0.2*	0.9
	(1.1 to 2.0)	(0.5 to 0.8)	(0.1 to 0.3)	(0.7 to 1.1)
Infertilityntly Organized by The PCOS Society (India) & he Androgen Excess & PCOS Society (International)	0.8	0.6*	0.3*	0.9
	(0.6 to 1.1)	(0.4 to 0.7)	(0.2 to 0.4)	(0.7 to 1.2)
Excess hair growth	0.9	1.4*	1.5	1.7*
	(0.6 to 1.3)	(1.1 to 1.8)	(1.0 to 2.3)	(1.3 to 2.1)
Insulin resistance	0.6*	1.4*	1.7*	0.4*
	(0.4 to 0.9)	(1.1 to 1.8)	(1.1 to 2.6)	(0.3 to 0.5)
Increased metabolic risk Jointly Organized by The PCOS Society (India) &	1.0	1.6*	3.6*	1.0
	(0.6 to 1.7)	(1.1 to 2.2)	(2.2 to 5.8)	(0.7 to 1.3)
Anxiety/depression	1.3	0.8	1.2	1.6*
	(0.9 to 1.8)	(0.6 to 1.1)	(0.7 to 1.8)	(1.2 to 2.0)

Information Regarding PCOS

Jointly Organized by Jointly Organized by	North America	Europe enized by
Satisfaction with information about PCOS	The Androgen Excess & PC	ety (India) & OS Society (International)
Dissatisfied or indifferent	606 (83.0)	505 (86.9)
Satisfied TOWAL COMPERENCE TO THE PROPERTY OF THE PARTY O	124 (17.0)	76 (13.1)
Information about lifestyle management	THE INTERNA	1976
Dissatisfied or indifferent	316 (43.2)	250 (43.1)
Satisfied	95 (13.0)	55 (9.5)
This information was not mentioned	320 (43.8)	275 (47.4)
Information about medical therapy of society (mails) &	The PCOS Soc The Androgen Excess & PC	ety (India) & OS Society (International)
Dissatisfied or indifferent Dates: June 16 - 18, 2017 Bengaluru	406 (55.7)	302 (52.2)
Satisfied	141 (19.3)	74 (12.8)
This information was not mentioned	182 (25.0)	203 (35.0)
Information on long term complications	PC	FLING
Dissatisfied or indifferent	299 (41.0)	225 (38.9)
Satisfied	68 (9.3)	30 (5.2)
This information was not mentioned by society (main) a	363 (49.7)	323 (55.9)
Emotional support and counselling after diagnosis	The Androgen Excess & PC Dates: June 16 -	05 Society (International) 18, 2017 Bengaluru
Dissatisfied or indifferent	275 (37.6)	184 (31.8)
Satisfied	30 (4.1)	10 (1.7)
This information was not mentioned	426 (58.3)	384 (66.4)



Are Young Adult Women with Polycystic Ovary Syndrome Slipping through the Healthcare Cracks?

Anuja Dokras¹,MD, PhD, Selma Feldman Witchel²,MD

The PCOS Society (India) & The Androgen Excess & PCOS Society (International) Medical

Endocrinologist

Family

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Physician/Internist

Bariatric

Medicine

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Gynecologist

Reproductive

Endocrinologist

High Risk OB

The PCOS Society (India) &

Oncologist

Gynecologic

Polycystic

Syndrome

JCEM, May 2014



The Androgen Excess &

Gaps in knowledge among physicians regarding diagnostic criteria and management of polycystic ovary syndrome

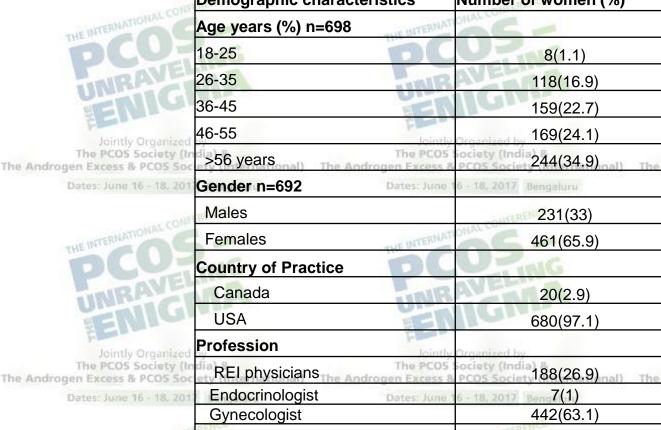
Anuja Dokras, M.D., Ph.D., ^a Shailly Saini, M.D., ^a Melanie Gibson-Helm, Ph.D., ^b Jay Schulkin, Ph.D., ^c Laura Cooney, M.D., ^a and Helena Teede, Ph.D.



Number of women (%)

6(0.9)

57(8.1)



Internist

Other

Demographic characteristics



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Co-morbidities Associated with PCOS

Dates: June 16 - 18, 2017 Bengaluru

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THE INTERNATIONAL CONFERENCE	REI physicians	Gynecologists
Insulin resistance	182 (97 %)	419 (95 %)
Increased tendency for weight gain	170 (90 %)	357 (81 %)
Difficulty losing weight	171 (91 %)	355 (80 %)
Increased risk of type 2 diabetes	183 (97 %)	411 (93 %) Tengaluru
Increased risk of CVD	177 (94 %)	364 (82 %)
Sleep apnea and snoring	144 (77 %)	232 (52 %)**
Fatty liver	127 (68 %)	129 (29 %)**
Endometrial cancer	172 (91 %)	303 (69 %)**

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Dates: June 16 - 18, 2017 Bengaluru **p<0.01 adjusted for age/gender THE INTERNATIONAL CONFERENCE

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Dokras et al, F&S, 2017

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Screening Practices in PCOS

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Metabolic screening in patients with polycystic ovary syndrome is largely underutilized among obstetrician-gynecologists

Amy S. Dhesi, MD; Katie L. Murtough, BS; Jonathan K. Lim, BS; Jay Schulkin, PhD; Peter G. McGovern, MD: Michael L. Power, PhD: Sara S. Morelli, MD

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- 18, 2017 Bengaluru

TABLE 3

Clinical guidelines for metabolic screening in patients with polycystic ovary syndrome

Endooring

Variables	ACOG ¹³	Society ¹⁴	AE-PCOS Society ¹⁵
Recommended testing	2 h OGTT (including fasting glucose) Fasting lipid profile	2 h OGTT (including fasting glucose) Fasting lipid profile	2 h OGTT (including fasting glucose) Fasting lipid profile
Which patients with PCOS to screen	All	All	2 h OGTT for BMI >30 kg/m² or in lean PCOS women with age ≥40 y, personal history of gestational diabetes, or family history of type 2 diabetes Lipid profile for all patients with PCOS

(India) & Society (International)

WEDENCE.

red by (India) & Society (International)

AJOG, 2016

TABLE 1

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The frequency of respondents who reported ordering particular tests when seeing a patient with polycystic ovary syndrome during an initial office visit

Responses	Lipid profile	Hemoglobin A1c	Fasting glucose	Fasting insulin	Two hour OGTT			
Would never order	12 (7.6%)	14 (8.9%)	26 (16.6%)	83 (52.9%)	87 (55.4%)			
Would order in <50% of patients with PCOS	58 (36.9%)	63 (40.1%)	63 (40.1%)	30 (19.1%)	57 (36.3%)			
Would order in ≥50% of patients with PCOS	59 (37.6%)	60 (38.2%)	42 (26.8%)	28 (17.8%)	7 (4.5%)			
Would always order	26 (16.6%)	20 (12.7%)	25 (15.9%)	16 (10.2%)	4 (2.5%)			
Did not answer	2 (1.3%)	0 (0.0%)	1 (0.6%)	0 (0.0%)	2 (1.3%)			
Numbers are reported as n (percentage). OGTT, oral glucose tolerance test; PCOS, polycystic ovary syndrome.								

OGTT, oral glucose tolerance test; PCOS, polycystic ovary syndrome.

Dhesi. Routine metabolic screening in patients with PCOS. Am J Obstet Gynecol 2016.

zed by (India) & Society (International)

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ONSERENCE

Screening by Reproductive Endocrinologists

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2h oGTT	THE INTERNATIONAL CONFERENCE	62 (45.3%)		
Fasting insulin and	DECEMBE	30 (21.9%)		
Fasting gluocse/ins	sulin ratio	18 (13.1%)		
ah Sha OGTT bengaluru	Androgen Excess & PCOS Society (International) Dates: June 16 - 18, 2017 Bengaluru	5 (3.6%)		
QUICKI/HOMA	INTERNATIONAL CONFERENCE	3(2.2%)		
Acanthosis	PCUSLING	3(2.2%)		
Others	EMIGNA	15 (10.9%)		
Jointly Organized by The PCOS Society (India) &	Jointly Organized by The PCOS Society (India) & Androgen Excess & PCOS Society (International)	Jointly Organized by The PCOS Society (India) The Androgen Excess & PCOS Society (

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Diagnosis and therapy of polycystic ovarian syndrome: results of a survey among German gynecologists with a review on literature

Ines Doll · Richard Doll · Kai J. Buhling

More endocrinologists (94%, n=78) performed screening for diabetes compared to

gynecologists (83%, n=281, p<0.02)

 More endocrinologists (78%) used metforming for non-fertility indications compared to gynecologists (63%, p<0.02)

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Archives of Gynecology & Obstetrics, 2012



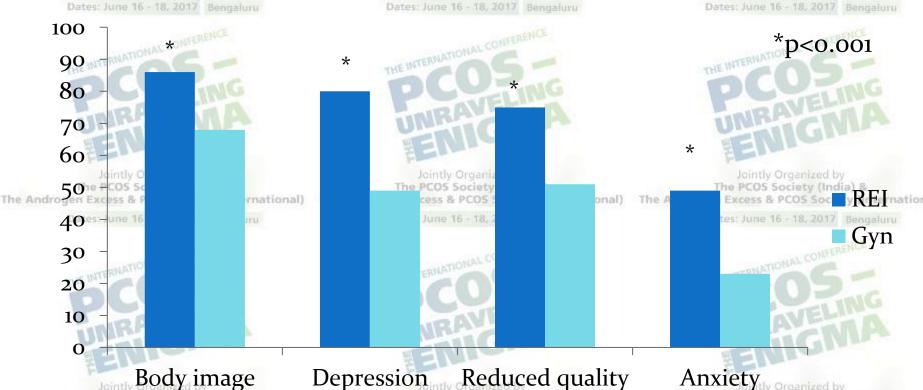




UNRAVE Mood & Quality of Life Associated with PCOS

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Anxiety

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Dokras et al, F&S, 2017

European survey of diagnosis and management of the polycystic ovary syndrome: results of the ESE PCOS Special Interest Group's Questionnaire

Gerard Conway, Didier Dewailly¹, Evanthia Diamanti-Kandarakis², Hector F Escobar-Morreale³, Steven Franks⁴, Alessandra Gambineri⁵, Fahrettin Kelestimur⁶, Djuro Macut⁷, Dragan Micic⁷, Renato Pasquali^{5,†}, Marija Pfeifer⁸, Duarte Pignatelli⁹, Michel Pugeat¹⁰, Bulent O Yildiz¹¹ on behalf of the ESE PCOS Special interest Group

Jointly Organized Important long term concern (n=357) Londy Organized by Androgen Excess & PCOS Society (India) & Androgen Excess & PCOS Society (India) & The Androgen Excess & PCOS Society (India) & The Androgen Excess & PCOS Society (International Concernational Concernatio

Obesity/Type 2 diabetes (64%)

Infertility (29%)

• Cardiovascular disease (12%)

Psychosocial problems (3%)

Endometrial cancer (1%)

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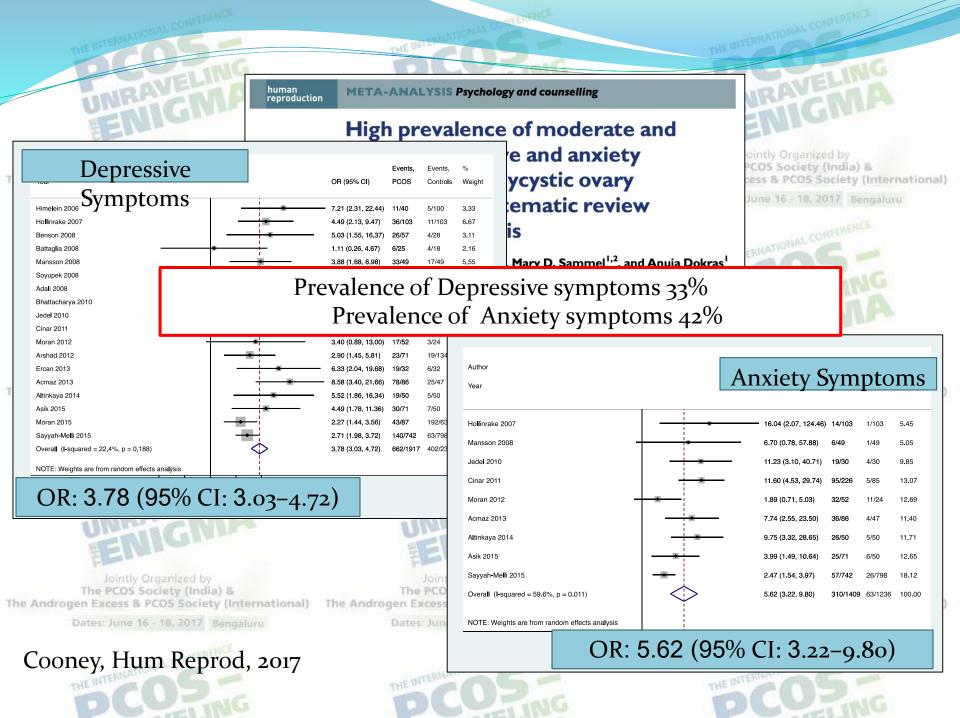
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93% Endocrinologists

The Androgen

Eur J Endocrinol. 2014 Oct;171(4):489-98.







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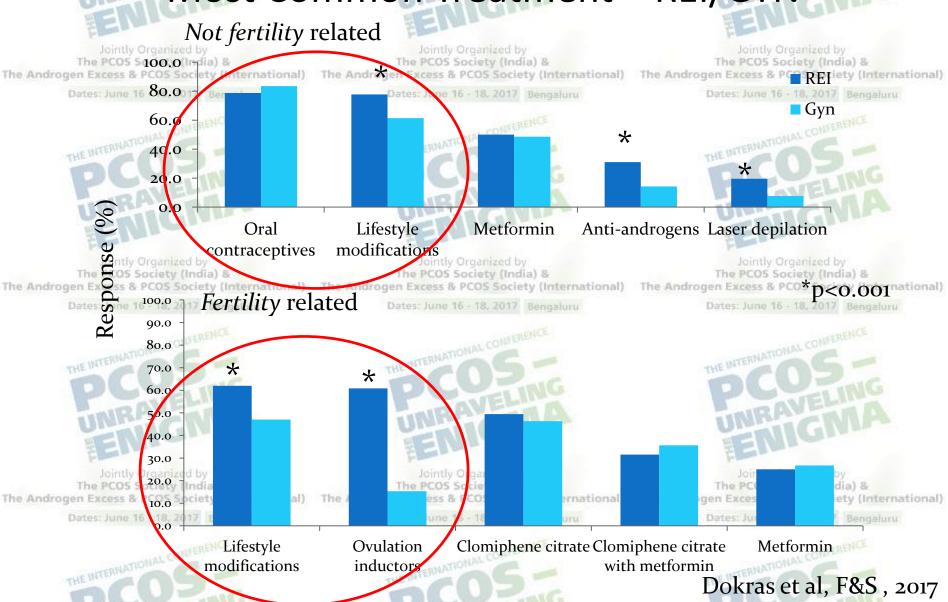
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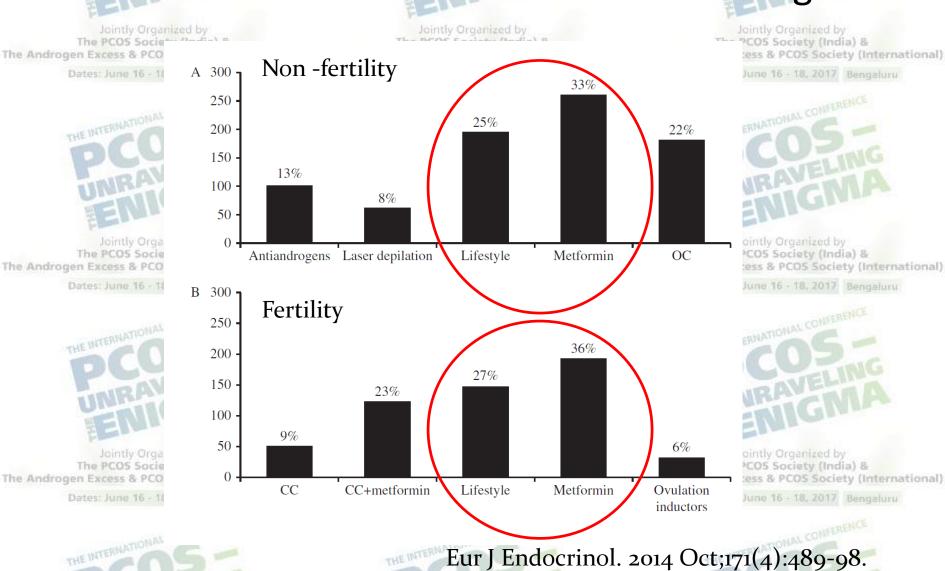
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Most Common Treatment – REI/GYN



Most Common Treatment – Endocrinologists









What do we need to tell our patients? The Androgen Excess &

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- Overlap with normal puberty
- Recommend caution in diagnosing PCOS if menarche occurred less than 2 years ago
- To prevent misdiagnosis recommend calling an adolescent "AT RISK"
 - Offer treatments to alleviate symptoms
 - Obesity and insulin resistance are not diagnostic criteria

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Witchel et al, Hormone Research Peds 2015





UNRAVE Management - Adolescent

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Menstrual regulation

- Acne
- Hirsutism

Weight management

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Metabolic risk

Anxiety/Depression

Contraception

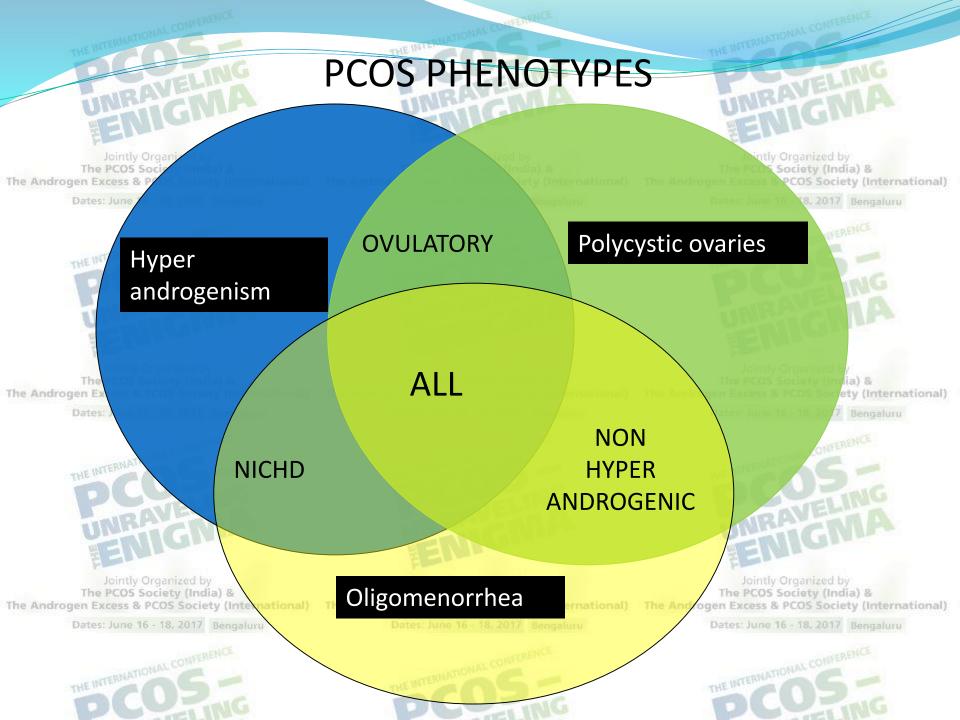
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Management - Adults

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Menstrual regulation - risk of endometrial cancer

- Acne
- Hirsutism
 - Weight management

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- Long term medical risks –obesity, dyslipidemia, IGT/DM
- **Anxiety & Depression**
- Contraception
- Fertility anovulatory

Pregnancy complications - GDM, preeclampsia, PTD, not

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miscarriage













Diagnosis - Perimenopause

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Table 2. Clinical and Endocrine Data of 193 Women With Polycystic Ovary Syndrome During 20 Years of Follow-up (Evaluated at 5-Year Intervals)

	Age (y)	BMI (kg/m²)	Waist Circumference (cm)	LH:FSH Ratio	Total T	DHEAS	Insulin	QUICKI	Ovarian Volume
Basal	21.9±2.1	26.6±6.7	88.9±14.5	1.5±0.6	75±26	2.7±1.2	14.9±6.5	0.327±0.02	10.9±3.9
After 5 y	27.2±2.2		89.4±12		71±25	2.5±1.1	13.8±7	0.329 ± 0.2	11±4.1
After 10 y	32.3 ± 1	27.5 ± 5.7	90.8±11.5	1.4 ± 0.5	68±22*	$2.2 \pm 1.3^{\dagger}$	15.2 ± 8	0.328 ± 0.02	10.7±4
After 15 y	37.5 ± 1.4	26.8 ± 4.5	91.7±11.8*	1.4 ± 0.6	65±25 [†]	2.1±0.85 [†]	14.5 ± 6.8	0.332 ± 0.02	10.3 ± 3.1
After 20 y	42.8±1.5	26.9±5.1	94.7±12.5 [†]	1.2±0.4	59±28†	2.00±0.9 ⁺	13.5±4.5	0.329 ± 0.02	9.1±3.1 [†]

women with ovulatory cycles increased from 52% to 85%

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Carmina et al, 2012, Obstetrics and Gynecology

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Table 3. Odds Ratio (95% Confidence Interval) of Cumulative Incident Diabetes and Dyslipidemia According to Baseline Body Mass Index (Year 2) and Polycystic Ovary Syndrome Classification at Ages 20-32

			Diabetes		Dyslipidemia				
The		n	Model 1*	Model 2 [†]	n	Model 1	Model 2	ion	
_	No PCOS, normal weight [§]	610 428	1.0 2.0 (1.3–2.9)	1.0 1.4 (0.8–2.2)	531 320	1.0 1.7 (1.2–2.3)	1.0 0.9 (0.6–1.3)	_	
ſ	PCOS, normal weight PCOS, overweight	31 21	3.1 (1.2–8.0) 4.0 (1.5–11.0)	3.2 (1.2–8.3) 3.0 (1.0–8.6)	28 15	1.9 (0.8–4.3) 3.5 (1.2–9.8)	2.0 (0.8–4.5) 1.8 (0.6–5.4)		

CWS, Coronary Artery Risk Development in Young Adults Women's Study; PCOS, polycystic ovary syndrome.

§ Overweight defined as BMI 25 or higher.

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Wang et al, 2010 Obstet Gynecol

^{*} Logistic regression model adjusted for age, race, education, parity, and family history of diabetes at baseline.

[†] Logistic regression model adjusted for the covariates in Model 1 plus body mass index (BMI) at year 20.

^{*} Normal weight defined as BMI (calculated as weight (kg)/[height (m)]²) lower than 25.

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Metabolic risk

Anxiety & Depression

Weight management

Contraception

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Multi-disciplinary approach

- Reproductive Endocrinologist
- **Nurse Practitioner**
- Clinical Nutritionist
- Dermatologist
- Psychiatrist/ Clinical Psychologist
- Weight management
- Research Coordinator

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pen Primary Care model

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Relay information – use existing resources

- Medical Society handouts
- Make a check list
- Give a packet

Translation of resources

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- Helena Teede

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USA

Andrea Dunaif

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NIH WORKSHOP ON PCOS - 2012

Table 2.Potential Phenotypes of PCOS by NIH 1990, Rotterdam 2003, and AE-PCOS 2006

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		Potential PCOS Phenotypes									
		Α	В	С	D	Е	F	G	Н	I	J
Panel Terminology	Diagnostic Criteria			N	IH				E-PCOS tterdam		Rotterdam 2
Androgen	Hyperandrogenemia	+	-	+	+	-	+	+	_	+	_
Excess	Hyperandrogenism*	+	+	_	+	+	-	+	+	-	_
Ovulatory Dysfunction	Oligo-anovulation	+	+	+	+	+	+	1	-	-	+
Polycystic Ovarian Morphology	Polycystic Ovaries	+	+	+	_	_	-	+	+	+	+
		•									
	NIH 1990 Criteria	Х	Х	Х	Х	Х	Х				
	Rotterdam 2003 Criteria	х	x	x	x	х	x	х	x	x	х
•	AE-PCOS 2006 Criteria	x	x	x	x	x	x	х	x	x	



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- Dermatologist
- Psychiatrist/ Clinical Psychologist
- Weight management
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Opportunities

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To decrease time to diagnosis increase physician

awareness regarding diagnostic criteria for PCOS

Awareness that patient dissatisfaction is related to lack information on long term and emotional

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healthcare providers

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Polycystic ovarian syndrome: marked differences between endocrinologists and gynaecologists in diagnosis and management

Andrea J. Cussons*†‡, Bronwyn G. A. Stuckey*†, John P. Walsh*†, Valerie Burke‡ and Robert J. Norman§



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Table 2. Features considered essential for the diag	gnosis of polycystic ovarian
syndrome	

	Endo (%) $n = 138$	Gyn (%) n = 172	<i>P</i> -value
Menstrual irregularity	70	47	< 0.001
Any androgenization	81	59	< 0.001
Clinical (C) androgenization	5	4	0.672
Biochemical (B) androgenization	8	9	0.816
Either C or B androgenization	55	35	< 0.001
Both C and B androgenization	10	10	0.878
Obesity	11	8	0.320
Polycystic ovaries on ultrasound	14	61	< 0.001
Elevated LH/FSH ratio	24	47	< 0.001
Insulin resistance	6		0.162



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Clinical Endocrinology, 2005

PCOS Diagnosis Experience

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 Targeted improvements in diagnosis experience may help meet women's needs and optimize early engagement with lifestyle and preventive health strategies. The PCOS Society (India) &

ernational) The Androgen Excess & PCOS Society (International) The Androgen Excess & PCOS Society (International)

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 Receiving better quality information is associated with higher quality of life scores

 Enhanced knowledge is associated with engagement in lifestyle management

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Underlying Reasons for Patient Dissatisfaction

Changing definitions

PCOS Phenotypes and Racial differences

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Patient Perceptions of PCOS

F	FILE CONTRACTOR OF THE PROPERTY OF THE PROPERT		Figure Committee (
Demographic charac	teristic n=1381	Number of	f women (%)
Age (years)	Dates: June 16 - 18, 2017 Bengali	uru	Dates: June 16 - 18, 2017 Bengaluru
18-25 MATIONAL COMPERENCE	THE INTERNATIONAL CONFERENCE	190 (13.8)	THE INTERNATIONAL CONVERENCE
26-35	THE INTERIOR	705 (51.1)	THE INTERIOR OF THE INTERIOR O
36-45	INRAVELINA	390 (28.2)	INRAVELINA
>45	ENIGH	96 (6.9)	ENIGH
World region of birth	Jointly Organized by The PCOS Society (India) &		Jointly Organized by The PCOS Society (India) 8
North America	The Androgen Excess & PCOS Society (Inte Dates: June 16 - 18, 2017 Bengale	689 (49.9)	Ogen Excess & PCOS Society (International) Dates: June 16 - 18, 2017 Bengaluru
Europe		568 (41.1)	CONFERENCE
Oceania	THE INTERNATIONAL CONFEREN	39 (2.8)	THE INTERNATIONAL CONFERENCE
Asia	PCOSELING	37 (2.7)	PCUSLING
Central, Latin, South A	merica, Caribbean	32 (2.3)	UNRAGMA
Africa	Ela	17 (1.2)	Ela.
World region of resid	ence The PCOS Society (India) & The Androgen Excess & PCOS Society (Inte	rnational) The Andr	The PCOS Society (India) & ogen Excess & PCOS Society (International)
North America	Dates: June 16 - 18, 2017 Bengali	732 (53.0)	Dates: June 16 - 18, 2017 Bengaluru
Europe	THE INTERNATIONAL CONFERENCE	583 (42.2)	THE INTERNATIONAL CONFERENCE
Other	THE INTERIOR	67 (4.8)	THE INTERNAL

PCOS Diagnostic Criteria

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Adjusted OR* Unadjusted OR Age range 26-35 (reference) 1 (reference) 36-45 (0.83, 3.79)1.94 (95% CI: 0.89, 4.20) 7.65 (95% CI: 3.65, 16.03) 46-55 5.32 (2.63, 10.79) >56ntly Organized by 5.51 (2.79, 10.88) 8.46 (95% CI: 3.99, 17.9) Gender Female (reference) 1 (reference) Male 1.55 (1.08, 2.23) 1.02 (0.64, 1.63) **Number of PCOS**

patients seen annually

1 (reference)

0.50(0.35, 0.72)

1 (reference)

0.90 (0.58, 1.41)







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Median (interquartile range)

time since diagnosis (years)

Time until diagnosis

Within 6 months

Within 12 months

Within 2 years

More than 2 years

5(6.5)

114 (54)

26 (12)

20 (10)



Number of health professionals seen before diagnosis

1-2

Uncertain The Androgen Exces

127 (61)

63 (30)

18(8.6)

ety (International)

ety (International)

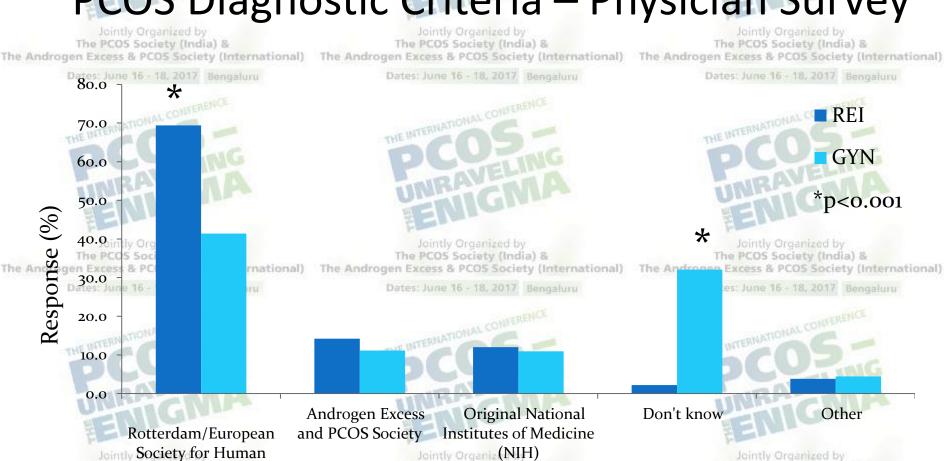
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Gibson-Helm et al, Fam Pract. 2014



PCOS Diagnostic Criteria – Physician Survey



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Dokras et al, F&S, 2017