A Pleasure-Inclusive
Multilevel Strategy to
Address Anal Sex Stigma
Findings from a Mixed Methods
Study in the Southern United States

Continuum 2025 June 11, 2025

Amal Health

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It takes a team!

(K23 MH124569, PI: Kutner)

Research Participants

Surveys & Interviews: across the US

Workshop Participants (Tennessee, Mississippi & Alabama)

Research Team

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Implementation Partners

Southeast AETC Northeast & Caribbean AETC End HIV 901 The Choice Agenda

Advisory Board

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Funding

National Institute of Mental Health

Agenda

- 1. Background
- 2. Methods
- 3. Results
- 4. Limitations

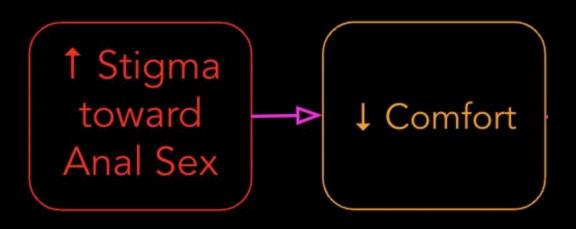
Take Home Message

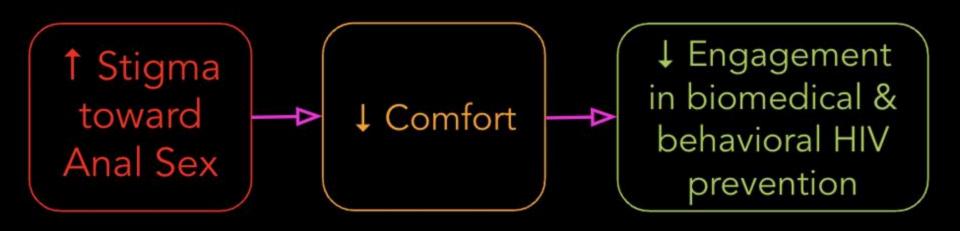
Environmental changes drive stigma reduction

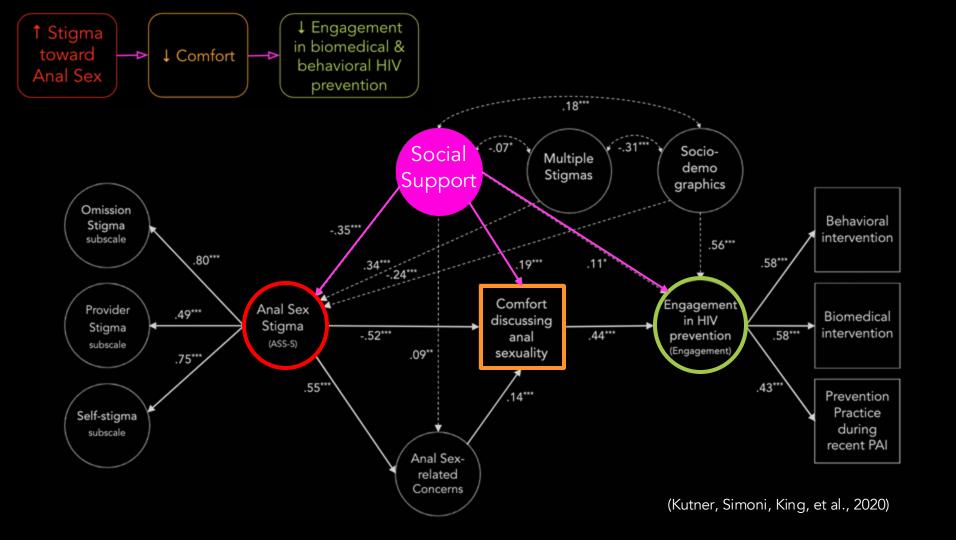
Background

Anal sex stigma impedes access to HIV services

† Stigma toward Anal Sex







Background

Anal sex stigma impedes access to HIV services

Provider-initiated discussion may reduce stigma and increase engagement in HIV services

Agenda

- 1. Background
- 2. Methods
- 3. Results
- 4. Limitations

Mitigating anal sex stigma

(K23 MH124569, Pl: Kutner)

Aim 1 Explore drivers & mitigators

40 in-depth interviews across the U.S.

Approach: Behavior Change Wheel

Theory: COM-B Model

For practitioners to mitigate anal sex stigma, we need to...

(1) increase their knowledge and comfort

(2) restructure their social & physical environment

Mitigating anal sex stigma

(K23 MH124569, Pl: Kutner)

Aim 1 Explore drivers & mitigators Aim 2 Develop anti-stigma strategies Community Advisory Board

2 days to enhance knowledge, comfort, skills, responsibility

Workshop

3 months to reinforce learning + initiate and sustain restructuring the clinic environment to enable discussion

Strategies

Patient-Facing Materials

Coaching Calls

Quality Improvement Meetings

Mitigating anal sex stigma

(K23 MH124569, Pl: Kutner)

Aim 1 Explore drivers & mitigators Aim 2 Develop anti-stigma strategies Aim 3 Pilot and evaluate strategies

Partnership with the Southeast AIDS Education & Training Center Explanatory sequential mixed method pilot among 65 HCWs Surveys and interviews before, during, after intervention

Agenda

- 1. Background
- 2. Methods
- 3. Results
- 4. Limitations

Sample

N = 65 HCWs

Alabama Mississippi Tennessee 38 years old (*SD* = 11.4) 65% Black or African American 95% Cisgender (73% female) 57% High school, GED, College

Mechanisms of Action

Proximal outcomes on the path to behavior change



Mechanisms of Action

Proximal outcomes on the path to behavior change



Mechanisms of Action

Knowledge^a

Skillsb

Professional Role & Responsibility^b

Organizational Context & Resources^b

Positive Emotions^b Negative Emotions^b

Self-efficacy^b Ease providing social support^c

Comfort advising about feces/pain/pleasured

^aInventory of Anal Sex Knowledge (% correct); ^bDeterminants of Implementation Behavior Questionnaire (1-6 Likert); ^cMedical Outcomes Survey Social Support Scale (Likert 1-5); ^dComfort scale developed for this project (Likert 1-4).

% change in scale range from baseline

Mechanisms of Action	Baseline	Post-Workshop		
	Mean SD	Mean <u>%∆</u> p value		
Knowledge ^a	51.3 22.7	89.5 +38% < .01		
Skills ^b	2.8 1.4	5.2 +48% < .001		
Professional Role & Responsibility ^b	4.7 1.4	5.3 +12% < .001		
Organizational Context & Resources ^b	4.2 1.0	4.7 +10% < .001		
Positive Emotions ^b Negative Emotions ^b	4.1 1.3 2.3 1.4	4.9 +16% < .001 2.1 -5% < .05		
Self-efficacy ^b Ease providing social support ^c	4.0 1.4 4.0 0.9	5.2 +24% < .001 4.4 +8% < .01		
Comfort advising about feces/pain/pleasured	~2.2 ~1.4	~3.2 ~+27% < .001		

^aInventory of Anal Sex Knowledge (% correct); ^bDeterminants of Implementation Behavior Questionnaire (1-6 Likert); ^cMedical Outcomes Survey Social Support Scale (Likert 1-5); ^dComfort scale developed for this project (Likert 1-4).

% change in scale range from baseline

Mechanisms of Action	Baseline	Post-Workshop	Post-Intervention		
	Mean SD	Mean %∆ p value	Mean %Δ p value		
Knowledge ^a	51.3 22.7	89.5 +38% < .01	79.0 +28% < .01		
Skills ^b	2.8 1.4	5.2 +48% < .001	5.2 +48% < .001		
Professional Role & Responsibility ^b	4.7 1.4	5.3 +12% < .001	5.3 +12% < .001		
Organizational Context & Resources ^b	4.2 1.0	4.7 +10% < .001	4.7 +10% < .01		
Positive Emotions ^b Negative Emotions ^b	4.1 1.3 2.3 1.4	4.9 +16% < .001 2.1 -5% < .05	4.9 +16% < .001 2.1 -5% < .05		
Self-efficacy ^b Ease providing social support ^c	4.0 1.4 4.0 0.9	5.2 +24% < .001 4.4 +8% < .01	4.9 +18% < .001 4.3 +10% < .01		
Comfort advising about feces/pain/pleasured	~2.2 ~1.4	~3.2 ~+27% < .001	~3.1 ~+24% < .001		

^aInventory of Anal Sex Knowledge (% correct); ^bDeterminants of Implementation Behavior Questionnaire (1-6 Likert); ^cMedical Outcomes Survey Social Support Scale (Likert 1-5); ^dComfort scale developed for this project (Likert 1-4).

% change in scale range

Behavior Change: Frequency of Sexual Health Assessment

Asking about sexual orientation

Asking about concerns related to HIV/STIs

Asking about anal sex practices

Asking about anal sex concerns apart from HIV/STIs

Baseline	9
Mean	SD
2.4	1.5
2.8	1.5
1.1	1.3
1.1	1.5

^aFrequency items developed for this project (higher scores indicate greater frequency: 0 Not at all, 1 Sometimes, 2 Often, 3 Very Often, 4 Always)

Behavior Change: Frequency of Sexual Health Assessment

of Sexual Health Assessment	Mean	SD	Mean	% Δ	p value
Asking about sexual orientation	2.4	1.5	2.6	NS	NS
Asking about concerns related to HIV/STIs	2.8	1.5	3.0	NS	NS
Asking about anal sex practices	1.1	1.3	1.8	+16%	< .001
Asking about anal sex concerns apart from HIV/STIs	1.1	1.5	1.8	+15%	< .05

Baseline

% change in scale range

Post-Intervention

^aFrequency items developed for this project (higher scores indicate greater frequency: 0 Not at all, 1 Sometimes, 2 Often, 3 Very Often, 4 Always)

Behavior	Change:	Frequency
		Assessment

Baseline	
Mean	SE

1.5

1.5

1.3

1.3

1.0

1.0

% change in scale range

Post-		
Mean	% Δ	p value
2.6	NS	NS
3.0	NS	NS
1.8	+16%	< .001
1.8	+15%	< .05

of Sexual Health Assessment
Asking about sexual orientation
Asking about concerns related to HIV/STIs

Asking about anal sex practices

Advised how to make anal sex less painful

Advised how to make anal sex more pleasurable

2.4 2.8

1.1

0.8

0.5

0.4

Asking about anal sex concerns apart from HIV/STIs Social Support specific to anal pleasure and health Started a conversation about anal health, apart from HIV/STIs 1.5

Responded to anal health concerns, apart from HIV/STIs Advised how to lessen contact with feces during anal sex

1.1 1.5 0.9 0.3

^aFrequency items developed for this project (higher scores indicate greater frequency: 0 Not at all, 1 Sometimes, 2 Often, 3 Very Often, 4 Always)

Behavior Change: Frequency of Sexual Health Assessment
Asking about sexual orientation

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requency	% change in scale range					
	Baseline		Post-l	า		
sessment	Mean	SD	Mean	% Δ	p value	
	2.4	1.5	2.6	NS	NS	
'STIs	2.8	1.5	3.0	NS	NS	
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lth, apart from HIV/STIs	0.8	1.3				
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Asking about sexual orientation	2.4	1.5	2.6	NS	NS
Asking about concerns related to HIV/STIs	2.8	1.5	3.0	NS	NS
Asking about anal sex practices	1.1	1.3	1.8	+16%	< .001
Asking about anal sex concerns apart from HIV/STIs	1.1	1.5	1.8	+15%	< .05
———— Social Support specific to anal pleasure and health					
Started a conversation about anal health, apart from HIV/STIs	0.8	1.3			
Responded to anal health concerns, apart from HIV/STIs	1.1	1.5			
Advised how to lessen contact with feces during anal sex	0.3	0.9			
Advised how to make anal sex less painful	0.5	1.0			
Advised how to make anal sex more pleasurable	0.4	1.0			

^aFrequency items developed for this project (higher scores indicate greater frequency: 0 Not at all, 1 Sometimes, 2 Often, 3 Very Often, 4 Always)

Behavior Change: Frequency		% change in scale range			
of Sexual Health Assessment	Baseline		Post-Intervention		
	Mean	SD	Mean	% Δ	p value
Asking about sexual orientation	2.4	1.5	2.6	NS	NS
Asking about concerns related to HIV/STIs	2.8	1.5	3.0	NS	NS
Asking about anal sex practices	1.1	1.3	1.8	+16%	< .001
Asking about anal sex concerns apart from HIV/STIs	1.1	1.5	1.8	+15%	< .05
Social Support specific to anal pleasure and health					
Started a conversation about anal health, apart from HIV/STIs	0.8	1.3	1.6	+19%	< .001
Responded to anal health concerns, apart from HIV/STIs	1.1	1.5	1.8	+16%	< .005
Advised how to lessen contact with feces during anal sex	0.3	0.9	1.2	+20%	< .0001
Advised how to make anal sex less painful	0.5	1.0	1.4	+23%	< .0001

0.4

1.0

1.5

+25%

< .0001

Advised how to make anal sex more pleasurable

^aFrequency items developed for this project (higher scores indicate greater frequency: 0 Not at all, 1 Sometimes, 2 Often, 3 Very Often, 4 Always)

Urethral

Oropharyngeal

Anorectal

Pre-Intervention N = 33 patients

During Intervention N = 31 patients

Post-Intervention N = 55 patients

Urethral

Oropharyngeal

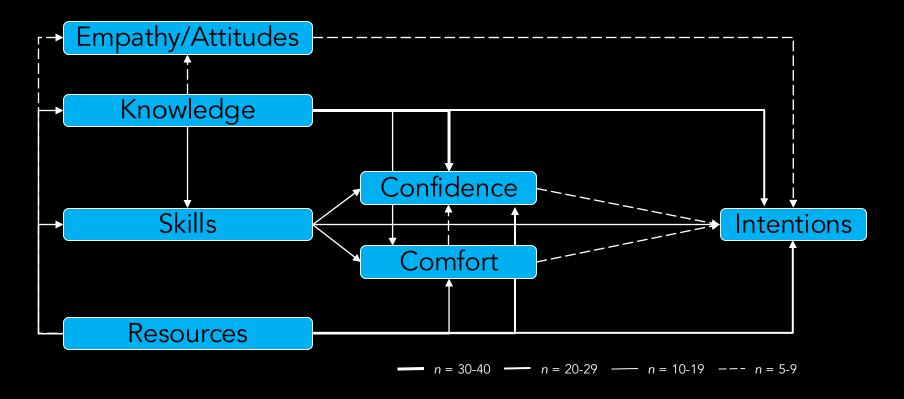
Anorectal

	Pre-Intervention $N = 33$ patients	During Intervention $N = 31$ patients	Post-Intervention $N = 55$ patients
	% by Site	$\% \Delta$ from baseline	$\% \Delta$ from baseline
Urethral	69.7%	+20.4%	+12.2%

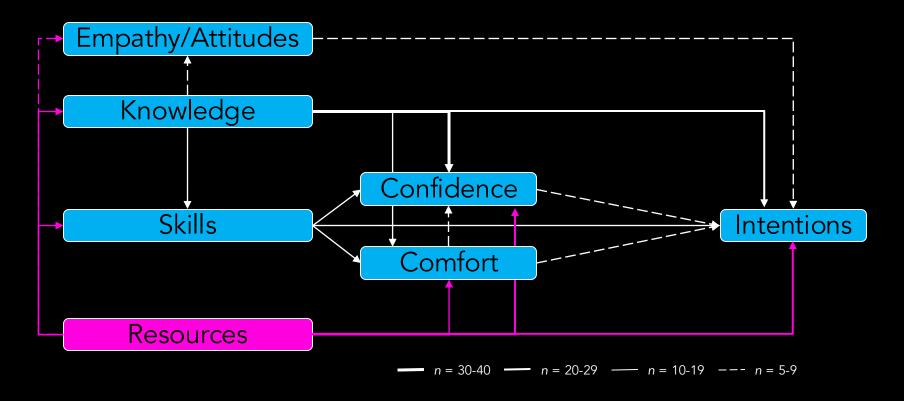
	Pre-Intervention $N = 33$ patients	During Intervention $N = 31$ patients	Post-Intervention $N = 55$ patients
	% by Site	$\% \Delta$ from baseline	$\% \Delta$ from baseline
Urethral	69.7%	+20.4%	+12.2%
Oropharyngeal	90.9%	+6.5%	0.0%

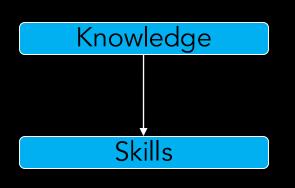
	Pre-Intervention $N = 33$ patients	During Intervention $N = 31$ patients	Post-Intervention $N = 55$ patients
	% by Site	$\% \Delta$ from baseline	$\% \Delta$ from baseline
Urethral	69.7%	+20.4%	+12.2%
Oropharyngeal	90.9%	+6.5%	0.0%
Anorectal	24.2%	+60.0%	+50.4%

Connecting Mechanisms and Behavior Change: Participants reporting a link between mechanisms

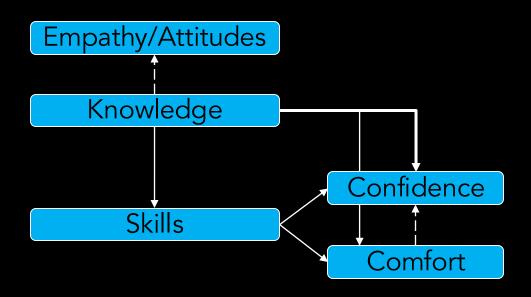


Connecting Mechanisms and Behavior Change: Participants reporting a link between mechanisms





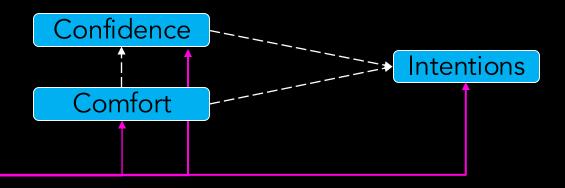
"I can tell you prior to that workshop I didn't ask somebody, 'Is your anal sex enjoyable?' I didn't really honestly want to know...I have a lot more knowledge to open up that conversation...to ask them and be able to share information if I say, 'Is your sex pleasurable?'"



"It gave me the confidence and the comfortability to be able to talk about these things rather than completely ignoring them and putting up a wall to them, which is what I would have done before when I felt uneducated. Now I feel like I can plant some seeds, and as I work with my patients more when they come back, I can ask these questions and talk to them about these things without a lot of fear and anxiety."

"The button. I have it up in my office. When I'm on a Zoom call or something, it's right in the background so people can see it... I have had some people in the office come around and ask me about it. So, it does bring attention and make people open to talk about anal sex and anal pleasure."

"We always ask about anal sex, but we never really asked about, 'How do you as the patient feel about anal pleasure? Or is that something that you want to discuss?' Now that we have the right cards in the room, it's easier to bring up the conversation."



Resources

"I think that the two-day workshop was like an amazing first step. And it definitely got everyone in my practice's wheels thinking about it. But the whole three and a half months where we've had support, working out some of these processes that we started thinking about at the workshop, that's really solidified for our organization how we do it, why we're doing it and the best practices that we can take for these changes."

Intentions

Resources

Take Home Message

Environmental changes drive stigma reduction

Limitations

- Selection bias
- Reporting bias
- Causality

Future Directions

- Refinement
- Scalability
- Effectiveness

pleasureandhealth.org

Our Website of Resources



pleasureandhealth.org







Explore Resources

for anal pleasure & health

We combed the Internet for accurate, reliable, sex-positive and unbiased information about anal pleasure and health.

Scroll down for a peek behind the cheek!

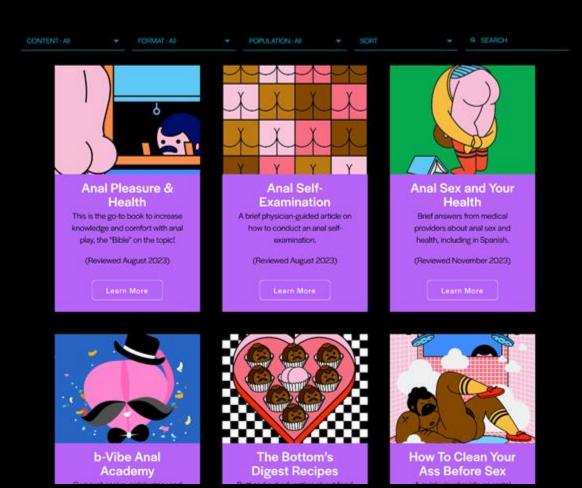
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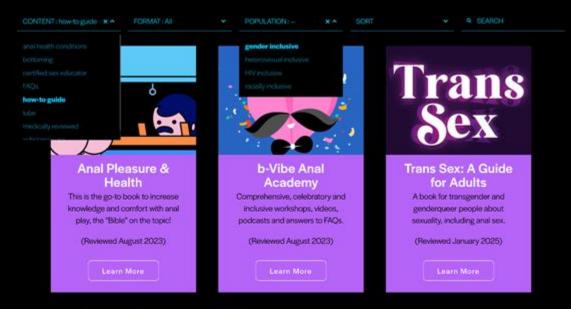
Click a resource below to learn more!
(We packed in a lot, so filter to find what suits you.)

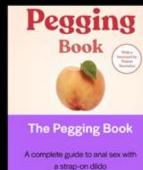
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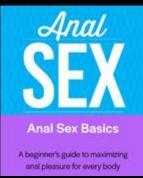
















Resources For Clinics

Looking to promote accurate, reliable, sex-positive discussions in your clinic about anal pleasure and health?

Check out these resources!

Check out the new webinar!





Client-Facing Print



Editable



Anal Pleasure & Health

Intolio Forms

Información correcta, confiable, y positiva sobre el sexo, el placer y la salud anal



Elsexo anal no es doloroso sí se hace correctamente. (Afin durante el cofto.)

La creencia de que el estímulo anal, sobre todo durante el coito, tiene que doler es un mito persistente y peligroso. El máximo placer anal requiere la eliminación de todo el dolor o el trauma físico de la experiencia anal,

Se puede distrutar del sexo anal aún si en el pasado haya sido

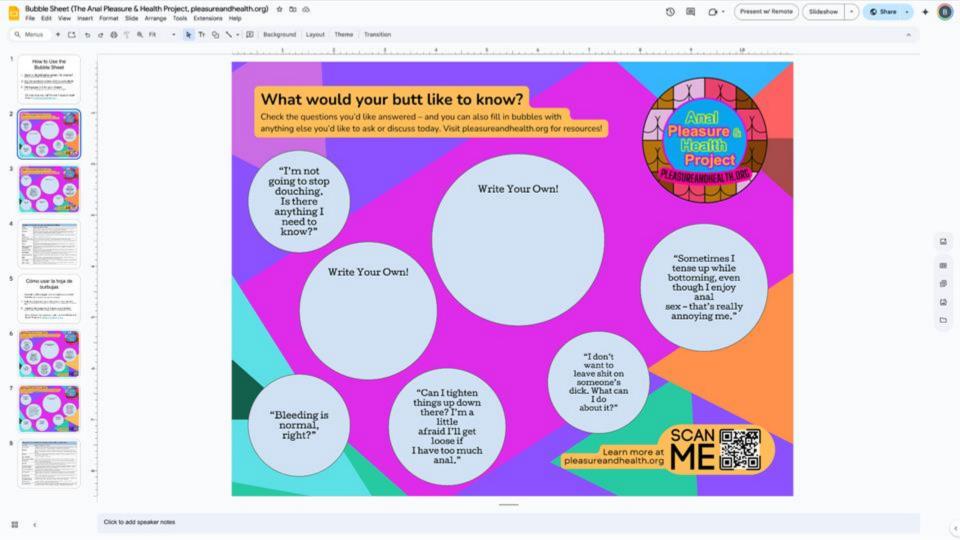
La tensión anal crónica es la causa más común de la incomodidad anal durante el sexo. La tensión se puede aliviar al tocar el ano y volverse más familiar con la zona. Respirar hondo también afecta los músculos del ano. Tensar y relajar el ano intencionalmente puede ser otra manera de aprender a relajarlo.

La gente practica muchas formas del sexo anal, y el coito es lo menos común.

Hay muchas formas de disfrutar del ano eróticamente. Las técnicas populares incluyen tocar la apertura anal con un dedo mientras se masturba o estimular el ano de una pareja durante el coito o el sexo oral.

La dieta contribuye al placer durante el jugueteo anal.

Tiene que haber suficiente fibra en la dieta de una persona para que los heces sean suaves, grandes y bien formados. Las frutas y verduras frescas, los granos integrales, o el salvado no procesado son fuentes importantes de fibras. Agregar suplementos de fibra, como la cáscara de psyllium, también puede disminuír la presencia de materia fecal en el recto.





Present w/ Remote

Slideshow

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December 1	1 Marine Council Staff











Questions Clients	s May Have about Anal Pleasure and Health
Topics	Example Questions from Clients
Anatomy	What are the sources of pleasure during anal play? What is the prostate? What are the legs of the clitoris? What are anal sphincters? What is the <u>pubo-rectal</u> sling? Is there such a thing as anal ejaculation (creaming)?
Pleasure	What sexual positions are best for pleasure? How is the prostate related to anal pleasure? How are the legs of the citoris related to anal pleasure? Why does anal play feel different when I have an emotional connection? How can I enhance pleasure or orgasm during anal play? Is it possible to orgasm during anal play?
Pain	Is pain normal during anal play? What can I do to reduce pain during anal sex? is bleeding normal during anal penetration?
Lubricants	Should I use a lubricant? Which ones should I use?
Anal & vaginal play	Is it okay to move from anal play to vaginal play? What do I need to know about preventing vaginal infections?
Hygiene	How can I prevent contact with feces/poop/shit during anal play? Is douching okay? Are there recommended guidelines for douching?
Fiber	How can I use fiber to feel more prepared and relaxed during anal play? What kind of fiber should I use? How much fiber should I add? Are there side effects to using fiber supplements?
Effects of anal sex on my body	Why do I feel like I have to pee during anal sex? Are there any long term effects of anal sex on my body? Are there health benefits to anal sex? Will having anal sex cause my anus to loosen over time? Is fisting okay? Is there anything I can do to strengthen my muscles?
Substance use	How do drugs and alcohol influence anal sex? What should I know about specific substances (like poppers/amyl nitrite, methamphetamine, marijuana, or other substances)?
Psychology	Is it okay that I enjoy or want to explore anal play? Does anal play mean something about my sexual orientation? Is it normal to have anal sex? Is it normal to lose my erection during anal sex? How can I relax during anal sex?
Bowel movements	How can I treat constipation? How can I manage irritable bowel syndrome during anal play? How can I prevent farting during anal sex?
STIs	What kinds of infections can happen during anal sex? Can infections cause diarrhea? Is it possible to have an infection without any symptoms? What tests should I take? Should I have an anal swab?
Anal cancer	What causes anal cancer? What is the process for anal cancer screening? Is it different than having a colonoscopy? Should I be screened? Where can I get screened?
Hemorrhoids	Does anal sex cause hemorrhoids? If I have hemorrhoids, how can I prevent bleeding during anal sex? How can I treat hemorrhoids? What is a sitz bath? How can I prevent hemorrhoids?

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Tip #1 on Anal Play

See our website for additional accurate, reliable, sex-positive information

Pleasure & Health Project

PleasureandHealth.org

Anal sex is not painful if done properly. (Even during intercourse.)

The belief that anal sex, especially intercourse, has to hurt is a dangerous myth. To improve pleasure, never tolerate pain or physical trauma during anal play.



Tip #2 on Anal Play

Pleasure & Health
Project

Save PDF to Papers by ReadOube

+ Resources for Anal Pleasure & Health + For Clinics





Our Research Team and Advisory Board developed a set of inclusion criteria for the resources you see on our website. Each resource should match these criteria — if not, please let us know!

1. Accuracy & Reliability

Guiding Question: Is this resource trustworthy, as far as we could judge, based on these criteria?

A. Credible	
B. Conflict of Interest	
C. Verifiable	
D. Confidence	

2. Justice, Equity, Diversity, Inclusion

Guiding Question: Does this resource reflect human diversity in a sexpositive, welcoming and non-biased way that avoids stereotypes, based on these criteria?

A. Diverse & Inclusive		
B. Sex-Positive		
C. Stereotype-Busting		
D. Accessible		

+ Resources for Anal Pleasure & Health + For Clinics

Science Library

Build your expertise!

We've collected hundreds of science articles — a wide range of research knowledge about anal pleasure and health to further your understanding.

These are academic articles. The writing often contain jargon and may not be what you want. If you're seeking "how-to" information about analises, flip over to

Resources for Anal Pleasure & Health - and enjoy.

See an article missing? This science library is a work in progress — so let us know what to add!

1. Anal Anatomy & Pleasure	
2. Anal Health Conditions	
3. Anal Sex Psychology/Sociology/Stigma	
4. Condoms & Anal Sex	
5. Douching & Anal Sex	
6. Health Communication & Anal Sex	
7. Lubricants & Anal Sex	
8. Prevalence of Anal Sex	
9. Substance Use & Anal Sex	
Or search the entire Science Library!	