



# Hawaii Safer Care Face to Face

CHANGING SURGERY: IMPROVING SURGICAL CARE AND RECOVERY

MAY 14, 2019



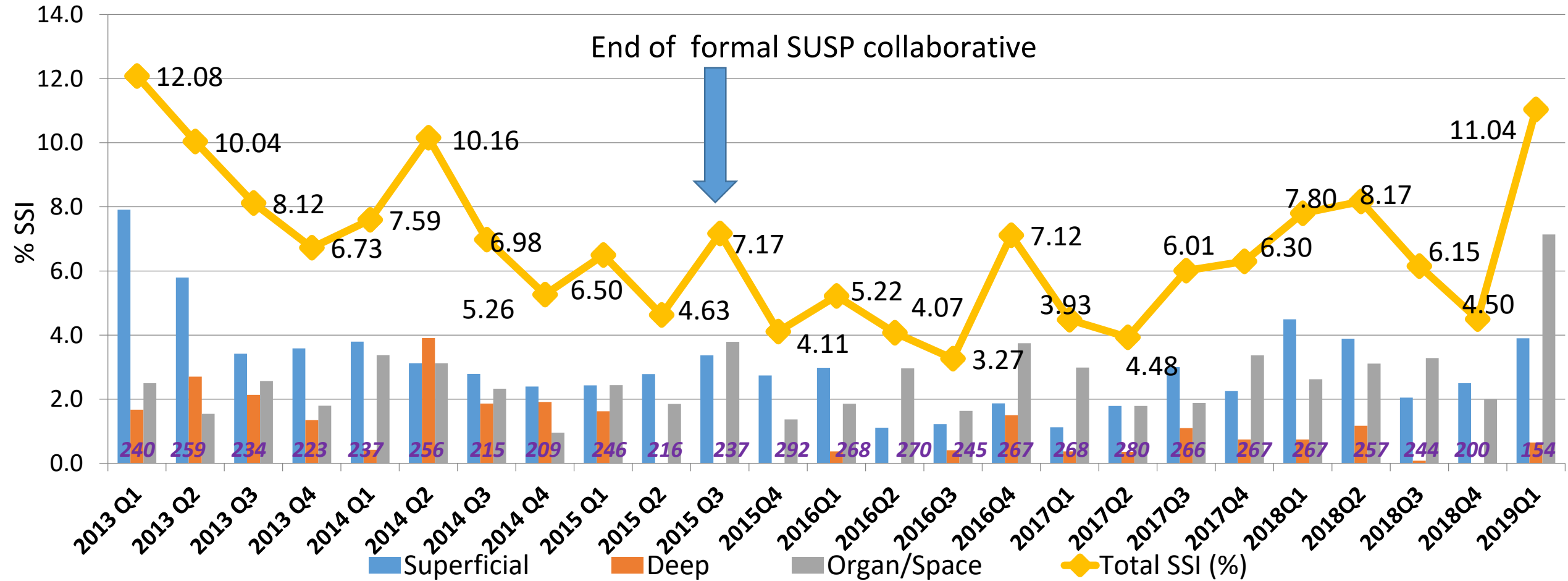
WHY ARE WE HERE?



“The Hug that helped change medicine”

# Turning Data to Action

# Statewide Colorectal Data (continuation of SUSP)

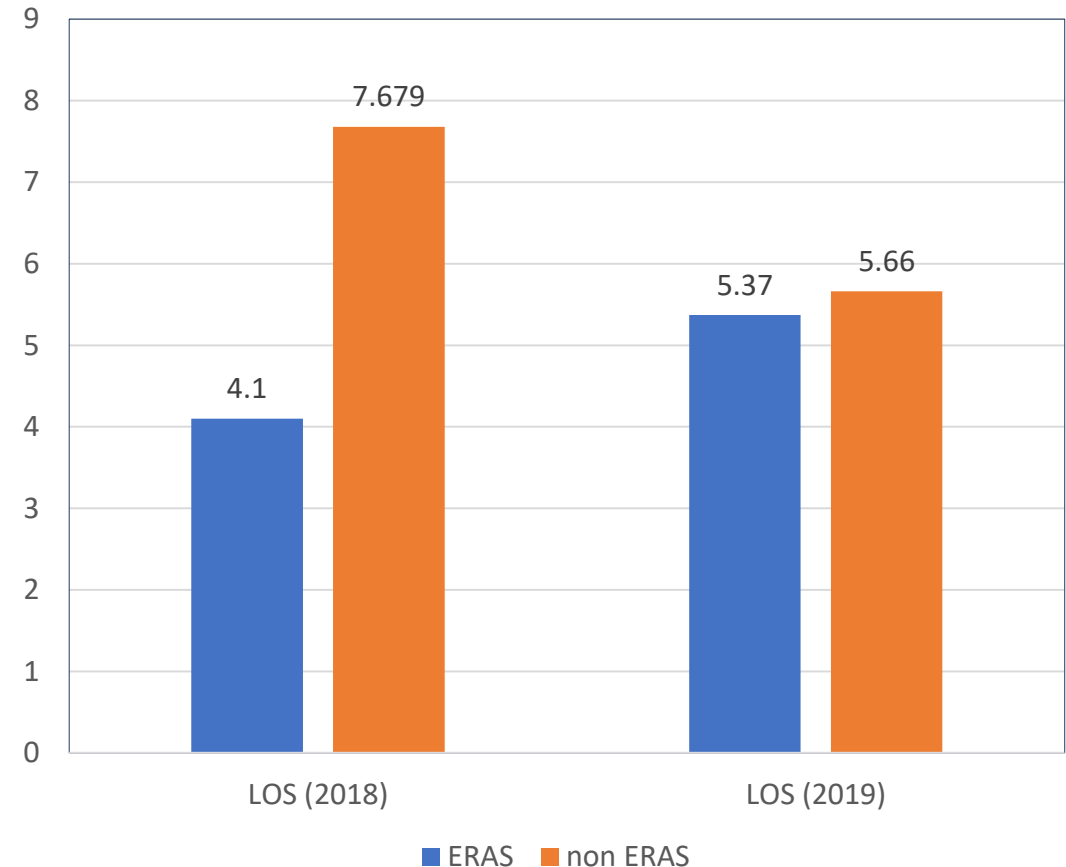


xxx= denominator (# of colorectal surgeries in the quarter)

Hawaii Safer Care: SUSP/ISCR dml\_05\_13\_2019  
Improvement Data, 2019 Q1 incomplete

# Hawaii ISCR Colorectal Cases... more complex cases being performed with ISCR pathway

- Colorectal:
  - 269 elective cases (October 2017 to end of 2018)
  - Average LOS: 4.10
  - Range: 2- 34
- Colorectal in 2019
  - Avg LOS: 5.37 (52 cases)



# Joint Arthroplasty Aggregate Data (Q4 2017-Q3 2018+)

- Knee Arthroplasty

- ~1406 cases
- 9 infections (deep or O/S) = 0.64%
  - Microbiology:
    - Staph epid and Serratia
    - Staph aureus
    - Staph lugdunensis
    - Staph, coag neg + Strep beta Group A
    - Strep, beta hemolytic group A x2
    - Serratia liq
    - Enterococcus
    - E. Coli
    - Pseudomonas aer + Enterococcus faecium (VRE)

- Hip Arthroplasty

- ~ 897 cases
- 7 infections (deep or O/S) = 0.78%
  - Microbiology:
    - Staph hom (coag neg)
    - Staph (coag neg)
    - Staph aureus x 2
    - Pseudomonas aer. x2
    - Propionibacterium
    - Bacillus (not anthracis)

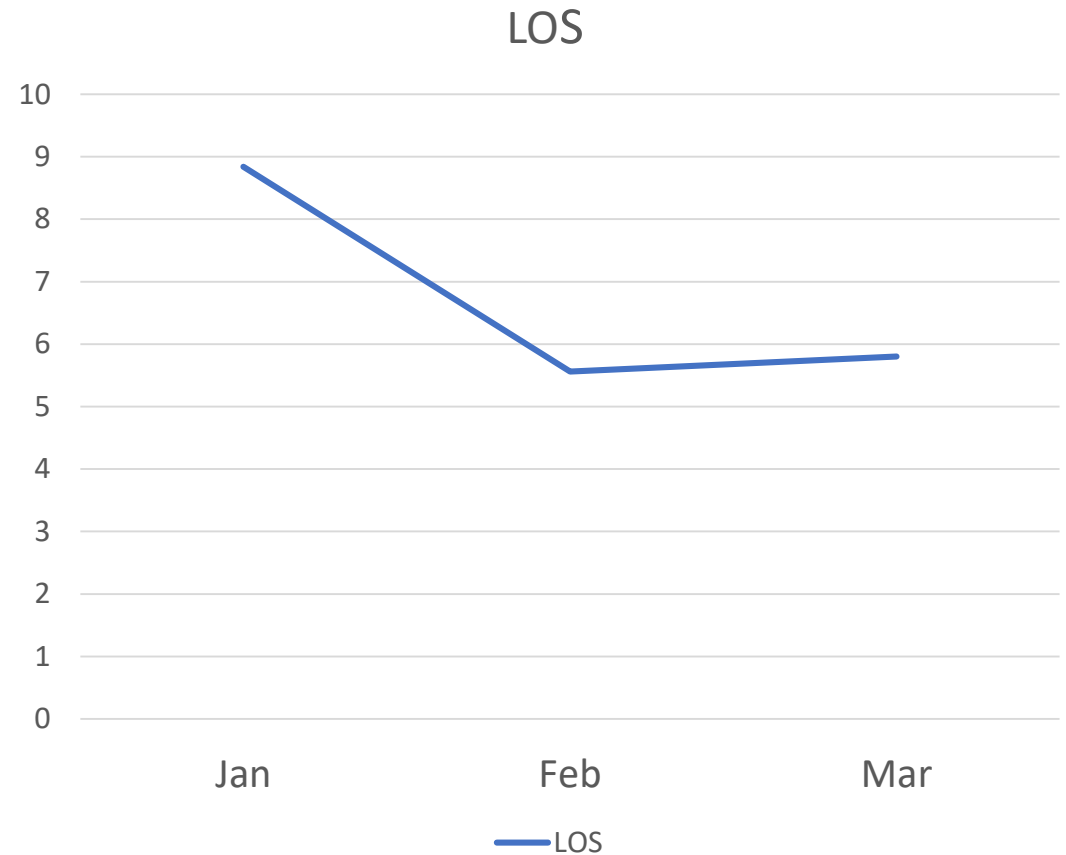
- Age: 49-80 ( median 73)
- BMI: 22.63- 39.9 (median 30.1)
  - 6/17 diabetic/prediabetic
- Avg time to first documented visit :
  - POD: 5 ,18,10, 17, 13, 23, 16, 9, 13, 24
  - Dx: 5 ,25, 10,22,13,25,18,16, 23, 24, 30, 67, 23, 14, 41, 8, 50



elevated BMI and diabetes not at higher associated risk?

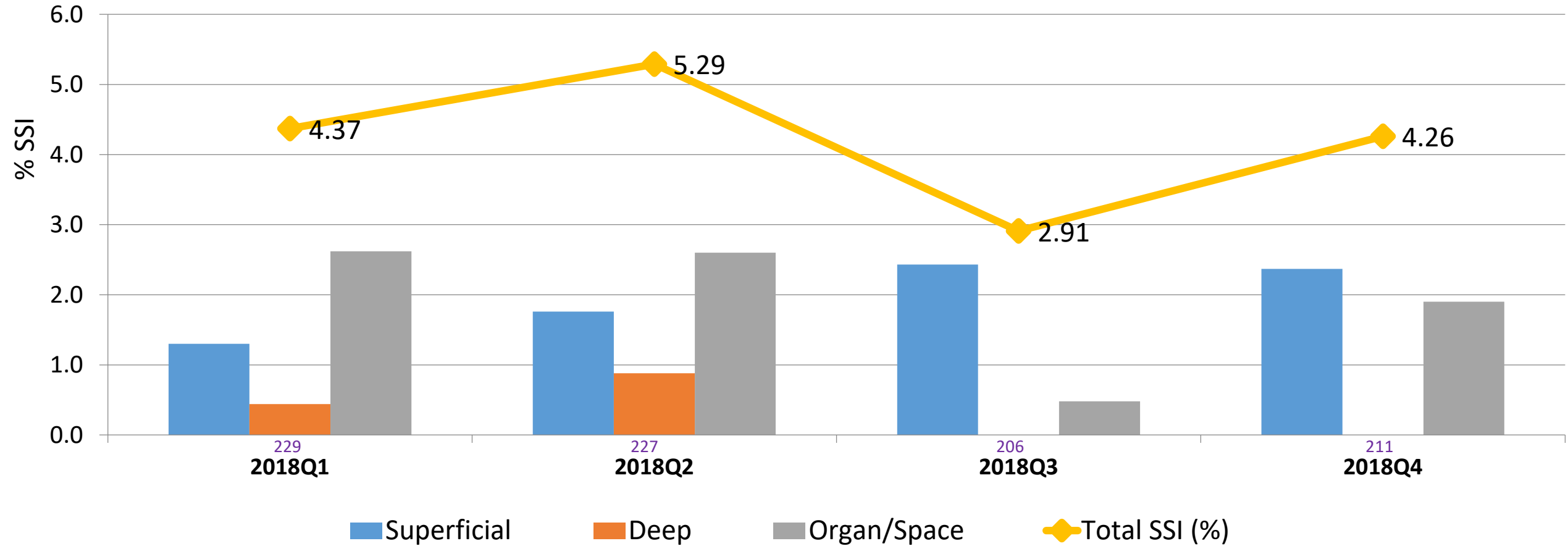
# Hip Fracture Data

- Hip Fractures:
  - 57 cases
    - Avg LOS ~ 7 days
- Opportunities?
  - Transfusions?
  - Readmissions?
  - To Home?
  - Delirium?
  - $\leq 3$  days =  $>$  ?





# Gyn Cohort ISCR Baseline SSI Data



xxx= denominator (# of GYN surgeries in the quarter)



What can patients tell us?

Tell us about your  
overall experience?

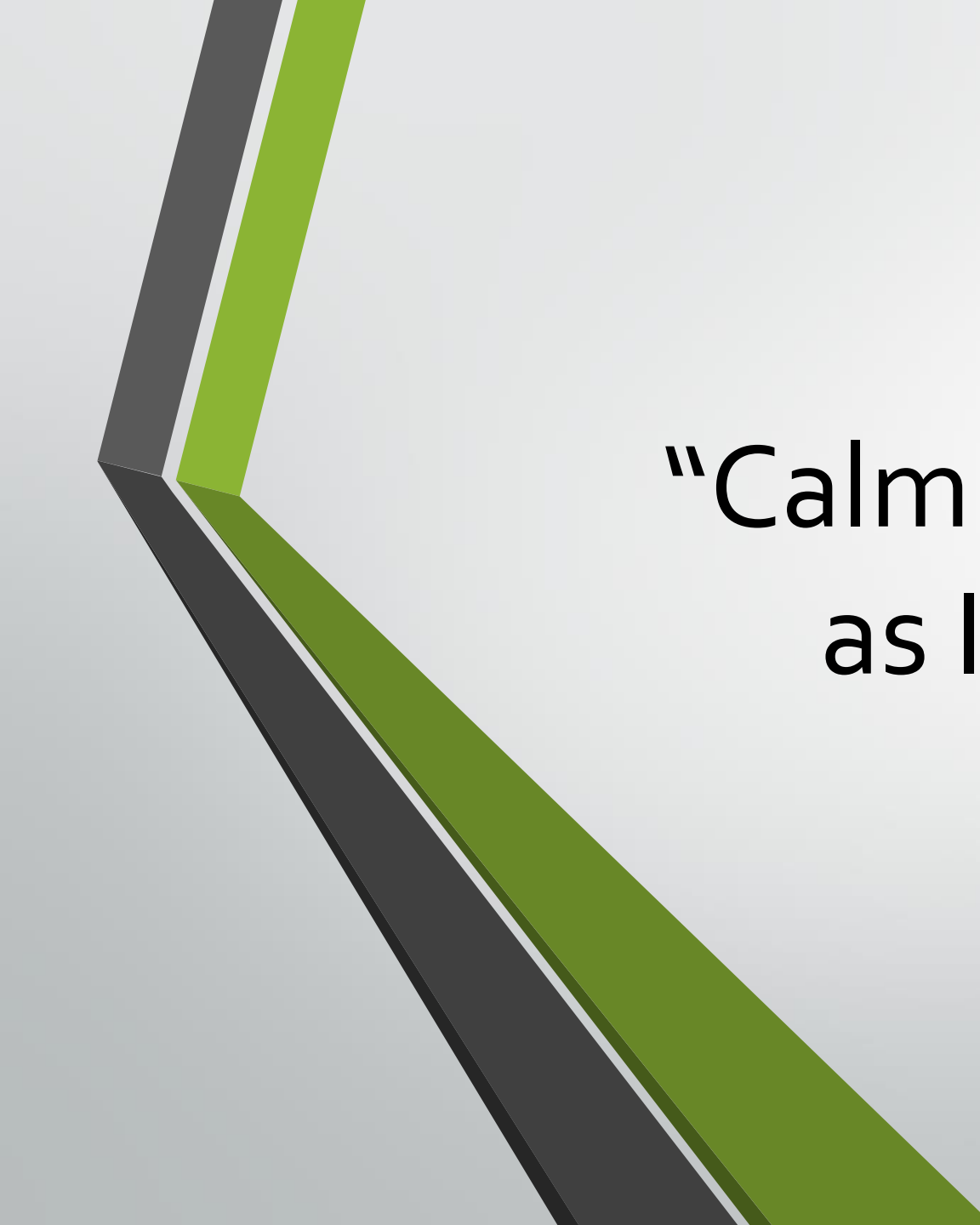




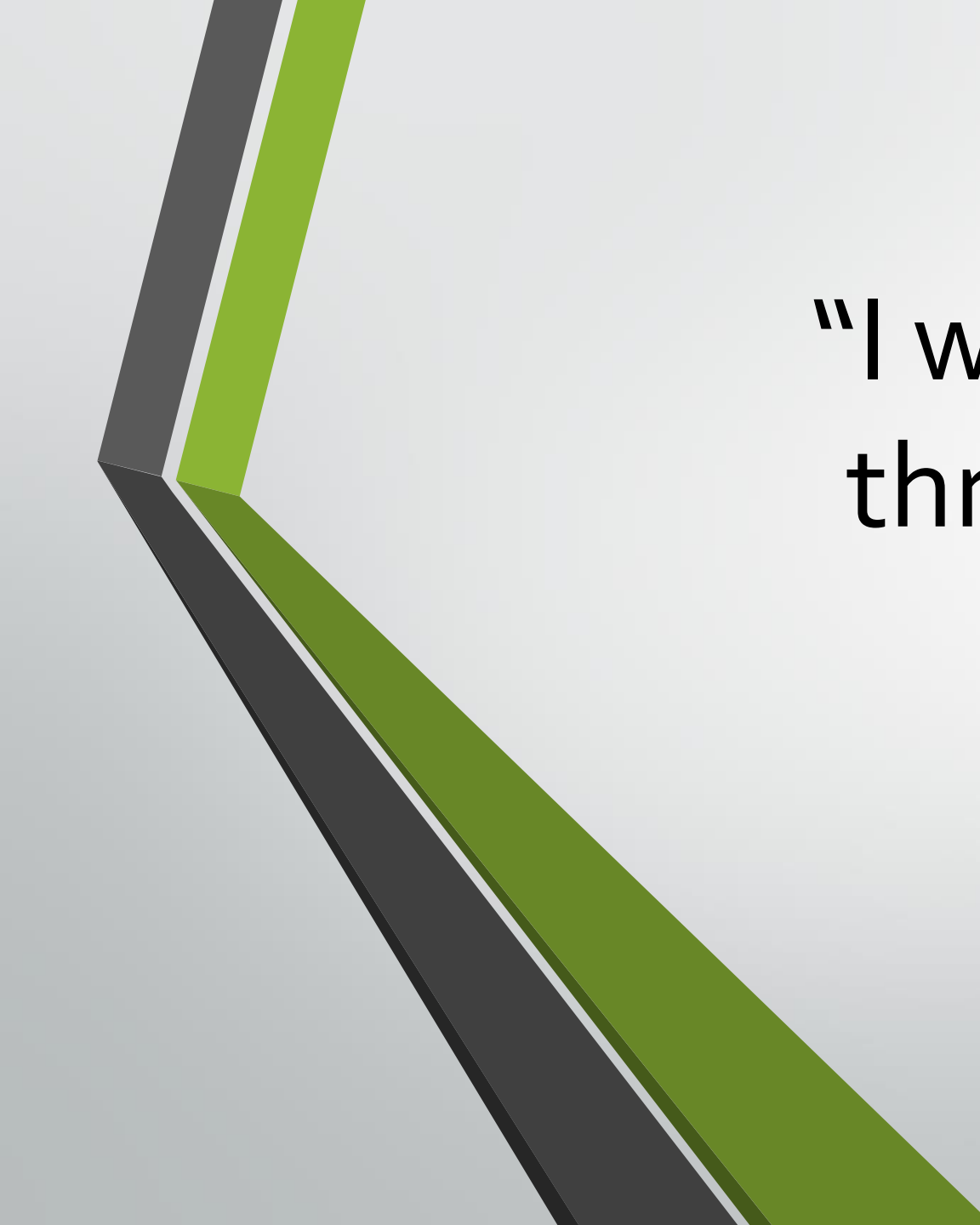
“Very Pleasant”



“All good!”



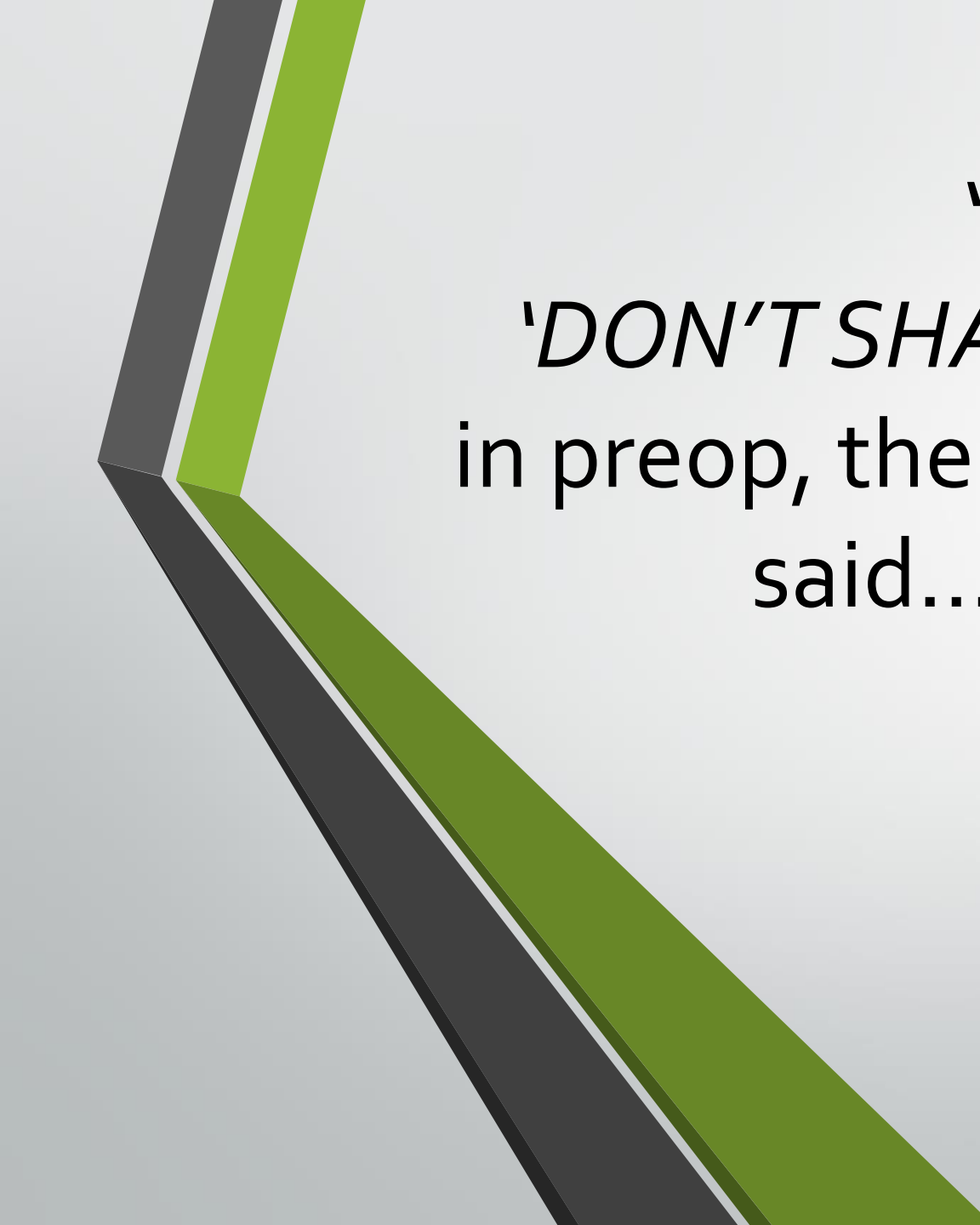
“Calm... I wasn't as nervous  
as I thought I would be!”



“I was very clear-headed  
throughout my hospital  
stay...”

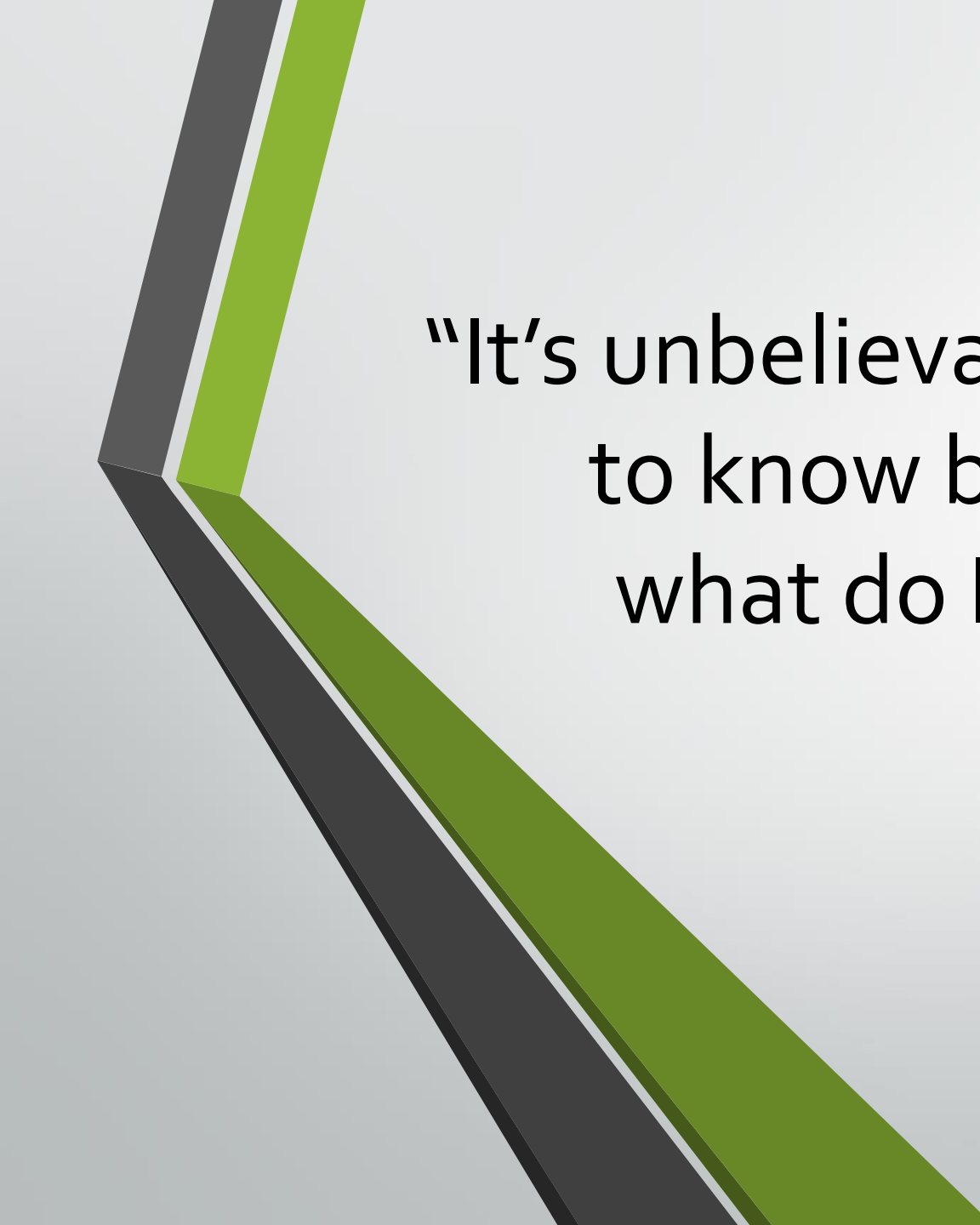
“What was something that surprised you about preadmission teaching?”





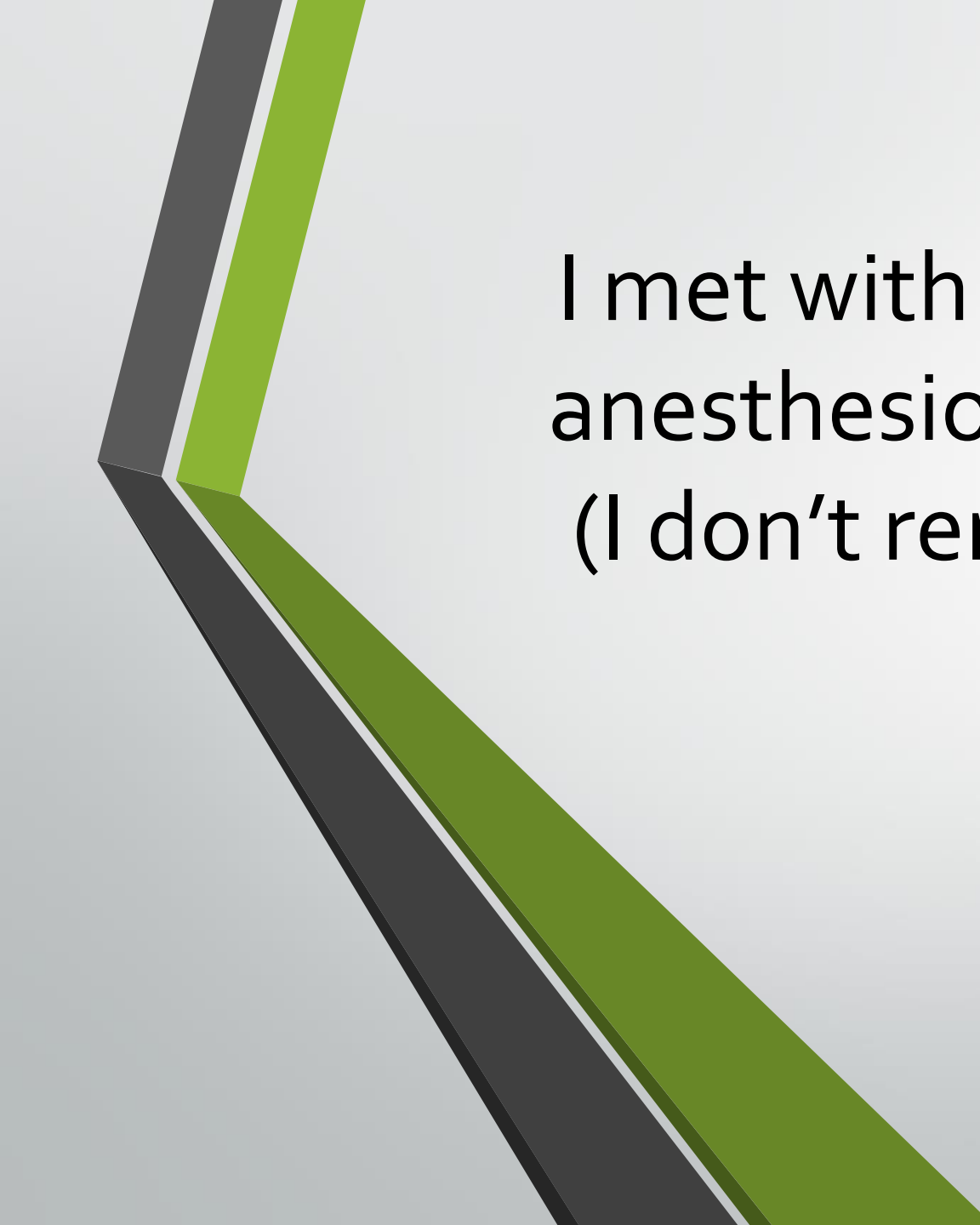
“Everyone kept telling me  
'*DON'T SHAVE*' before surgery. Then,  
in preop, the nurse came up to me and  
said... “*we need to shave you...*”

GYN patient



“It’s unbelievable how much there is to know beforehand... but then, what do I know about surgery?!”

General Surgery Patient’s Spouse



“Very well done.  
I met with PT, a pharmacist and the  
anesthesiologist... and some others  
(I don't remember who)... very well  
done.”

Total Joint Patient

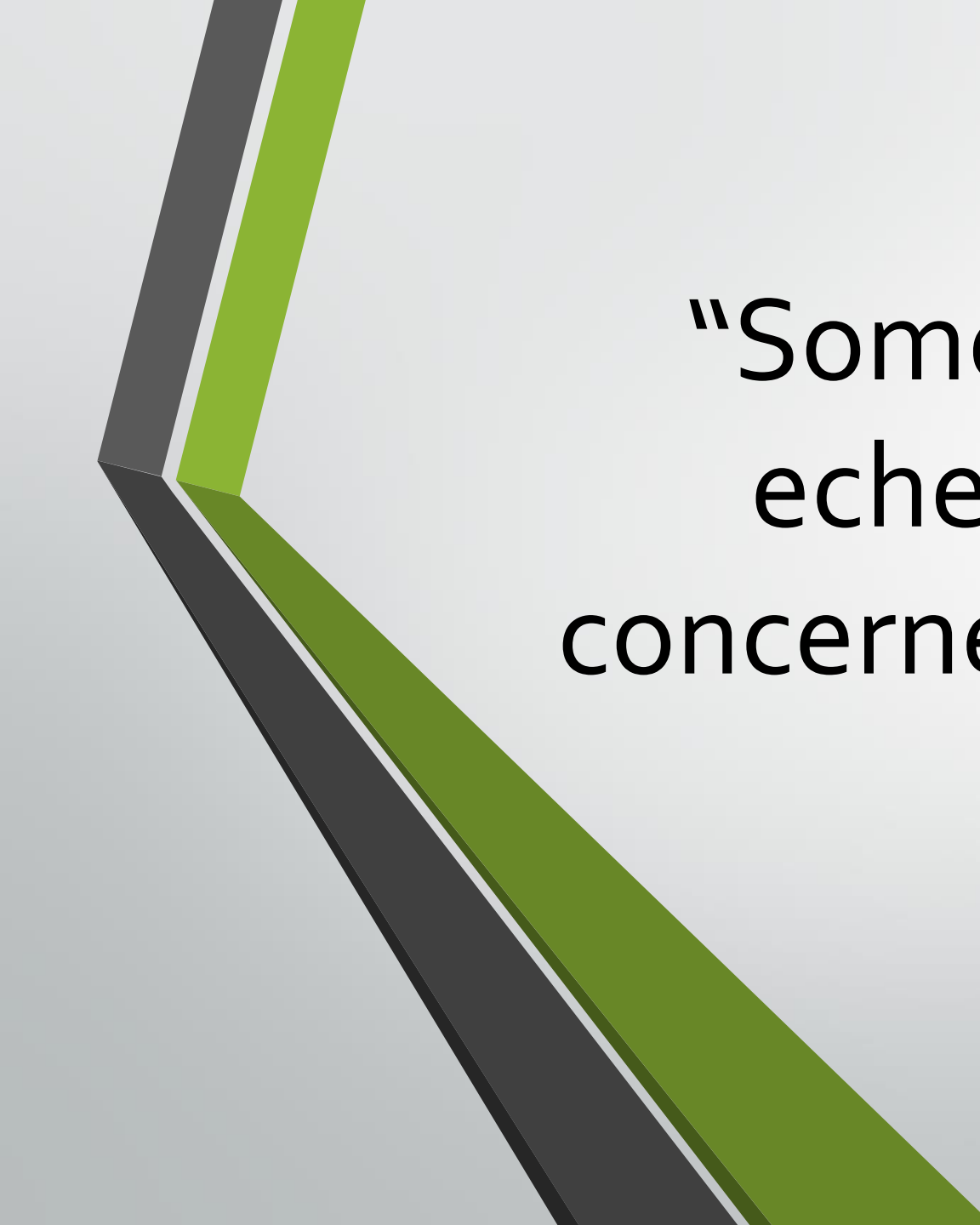
How were you treated  
in the hospital?



“Everybody was nice”



“very, very nice and  
friendly”




“Some of the staff at lower echelons were not always concerned about the patient”



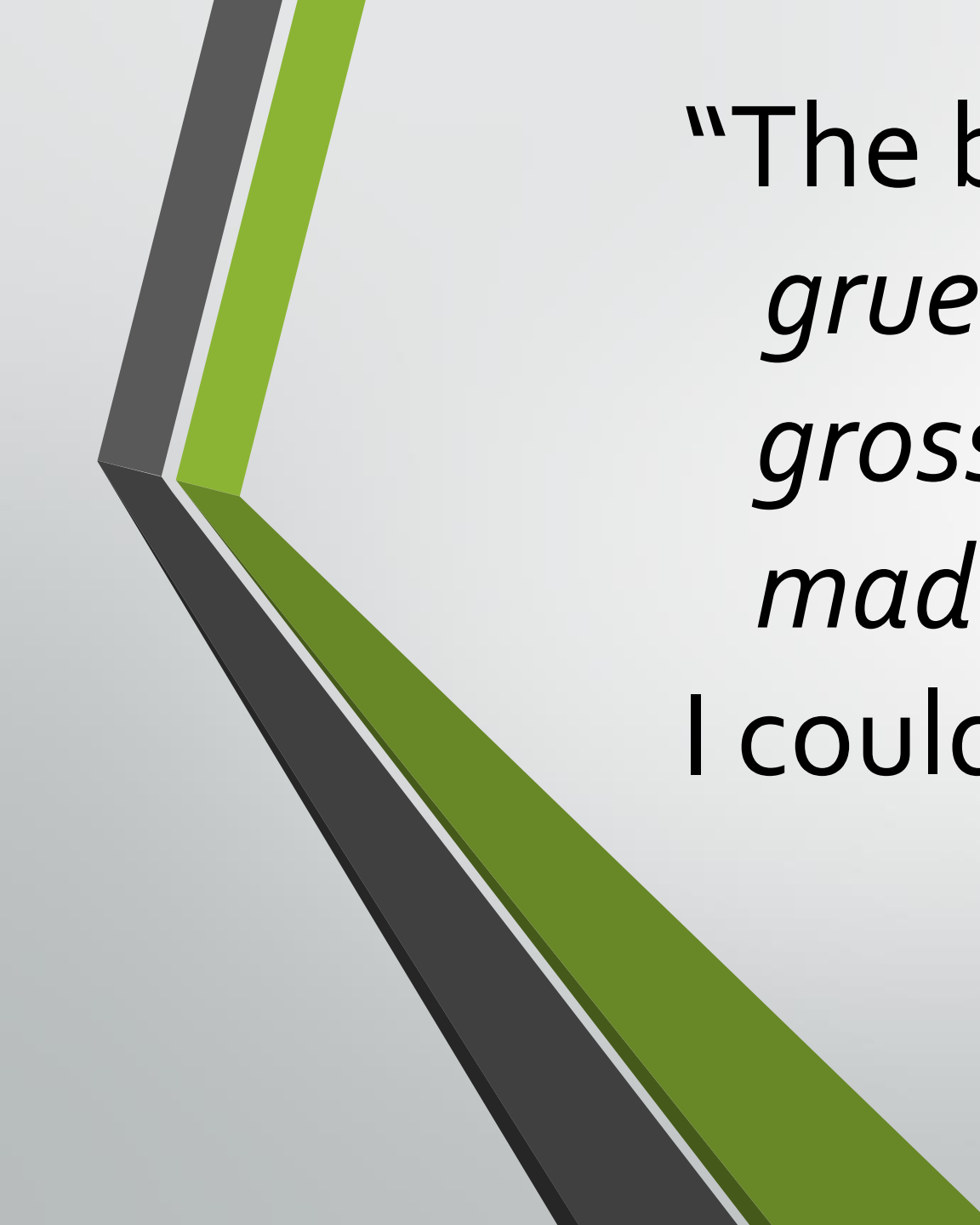
“All in all pretty good”





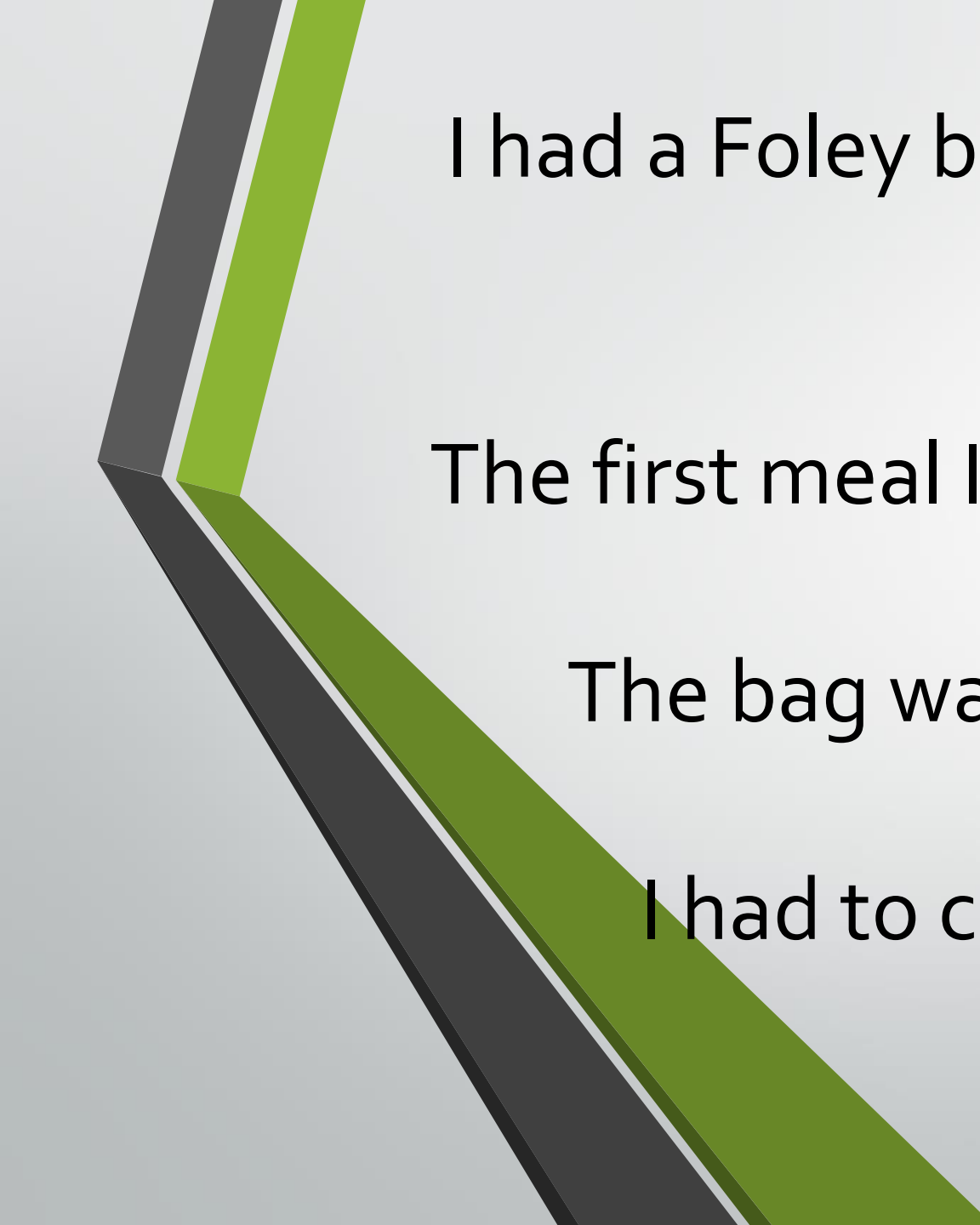
“Every staff person was very  
informative... but not *scary*  
informative!”

Tell us about something that  
might be our blind spot?  
Or an unexpected experience...

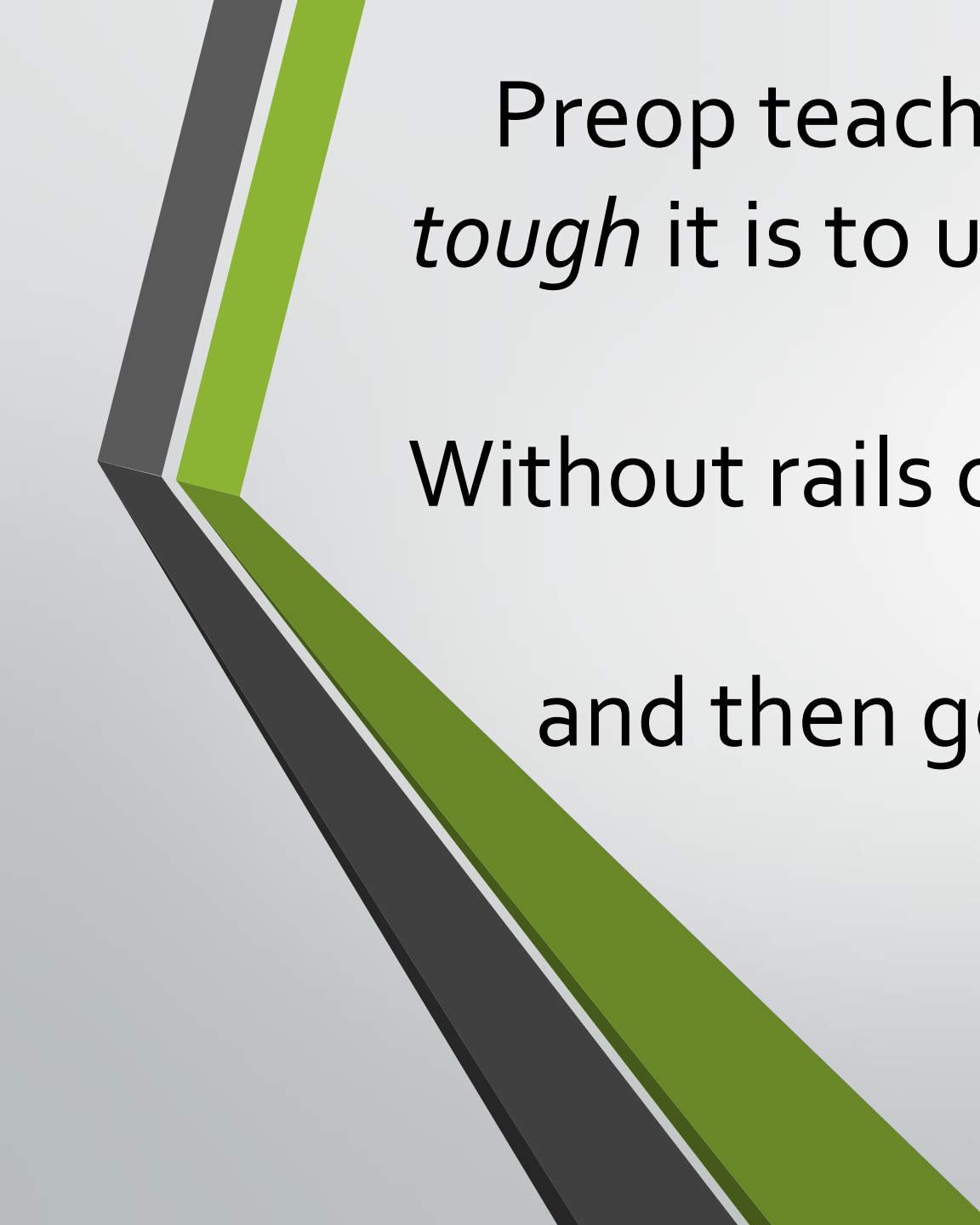


“The bowel prep was  
*grueling*  
*gross*  
*made me nauseous....*  
I could not finish it!”

Colorectal Patient



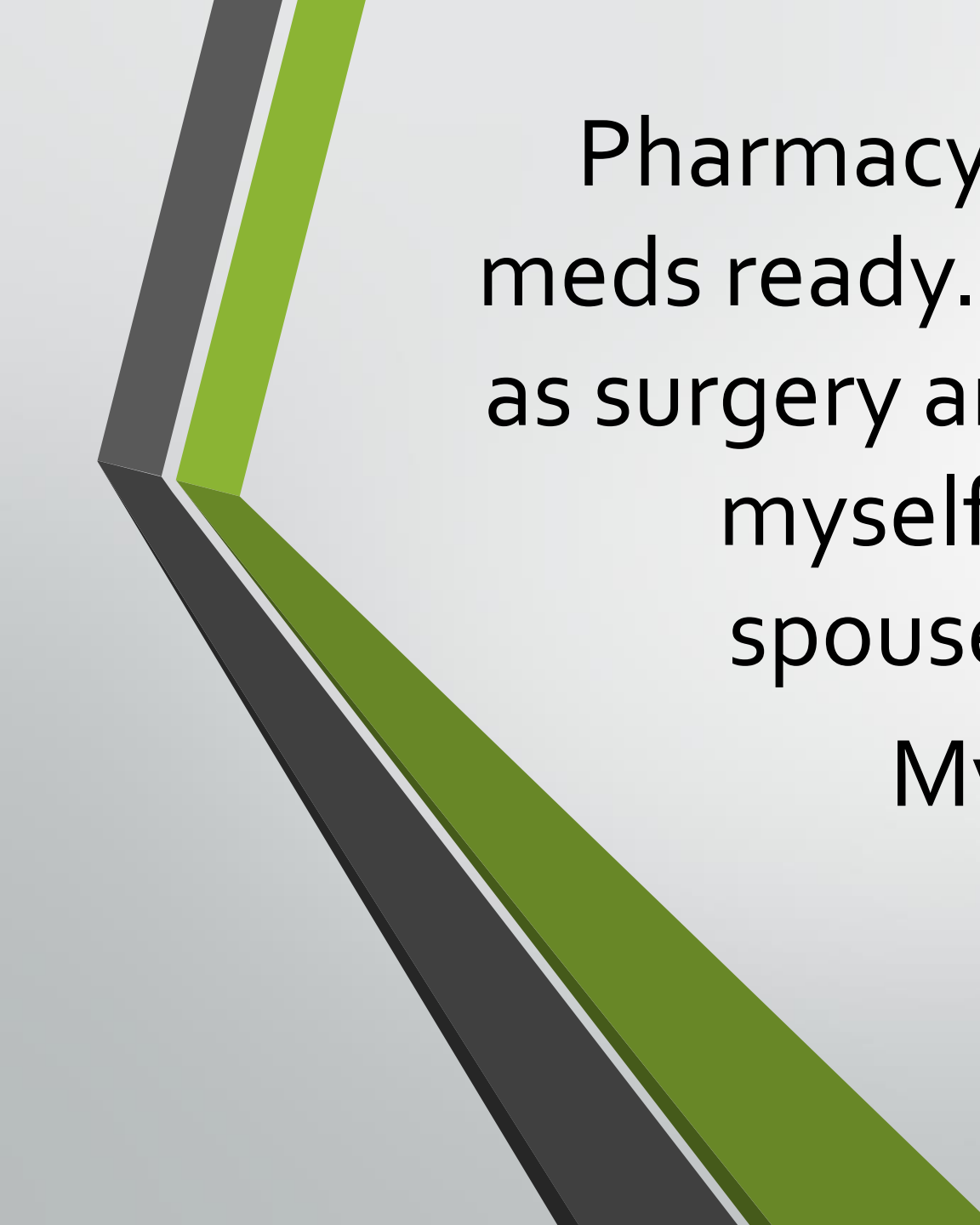
I had a Foley bag when I went home because  
of my surgery.  
You need to warn the patient.  
The first meal I had at home... I sat down and  
the rubber cap fell off.  
The bag was  $\frac{3}{4}$  full and spilled all over my  
carpet.  
I had to clean my carpet on my first day  
home.



Preop teaching didn't emphasize how *tough* it is to use the toilet after surgery.

Without rails or a higher seat... it was so  
painful to sit down...  
and then good luck getting up again!

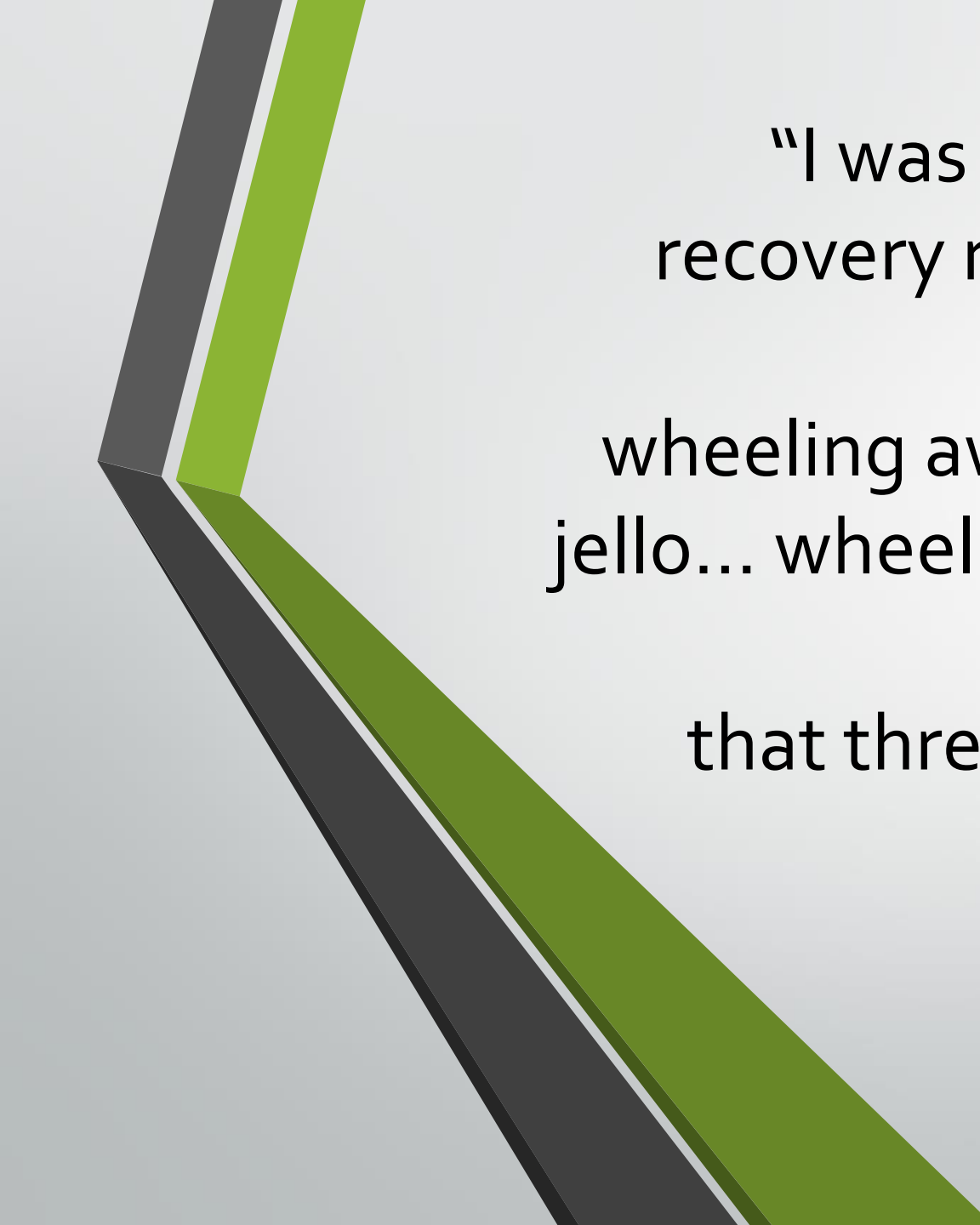
Total Joint Patient



Pharmacy didn't have my take home  
meds ready. I went home the same day  
as surgery and had to wait in the car by  
myself for over an hour while my  
spouse waited for the medicines.

My spouse was **NOT HAPPY!**

Total Joint Patient

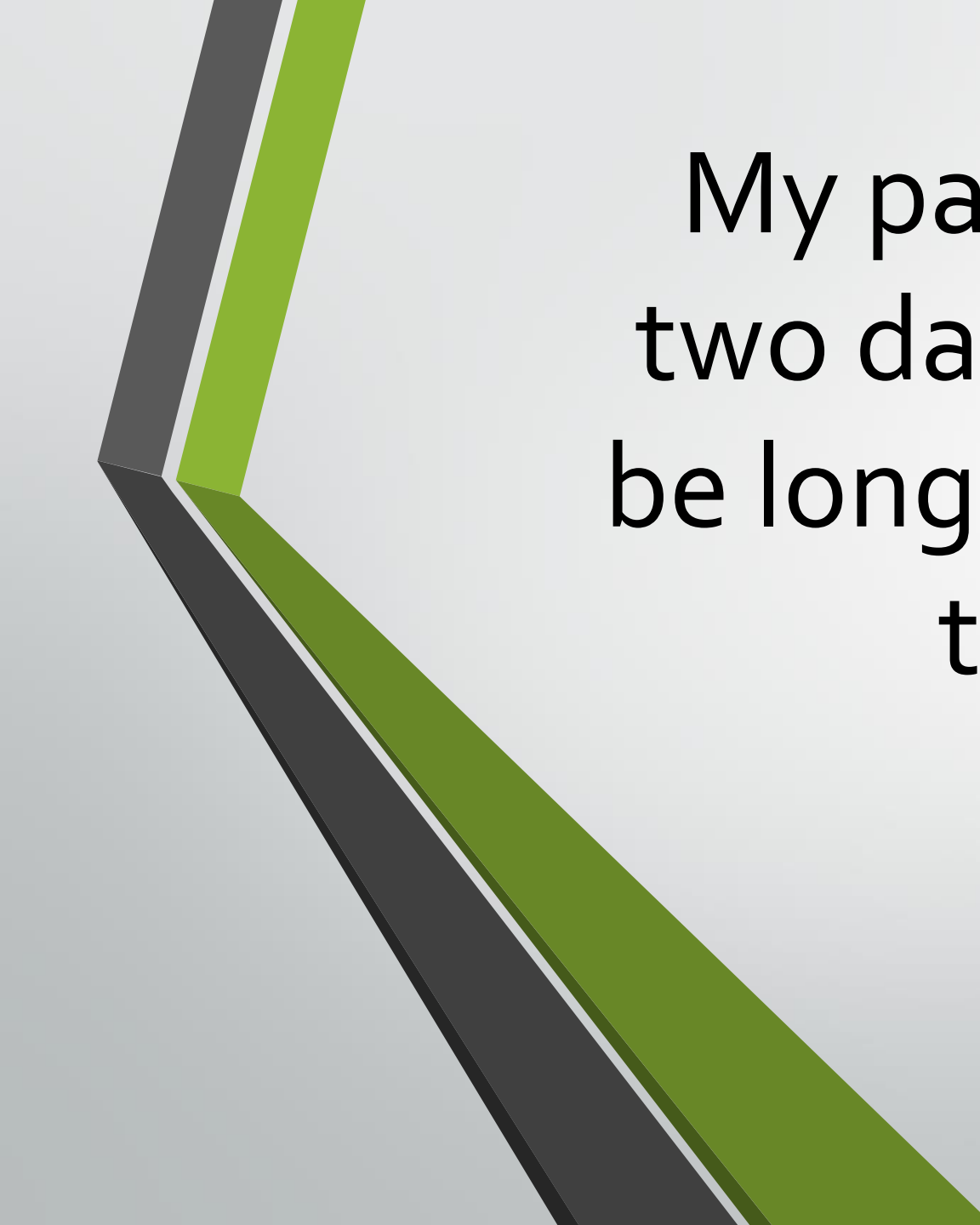


“I was coming out of anesthesia in the recovery room... and there was this nurse who was rolling in the chair... wheeling away, wheeling back, feeding me jello... wheeling back away and coming back to feed me more jello... that threw me off... and then the nausea that came with it...”

GYN Patient

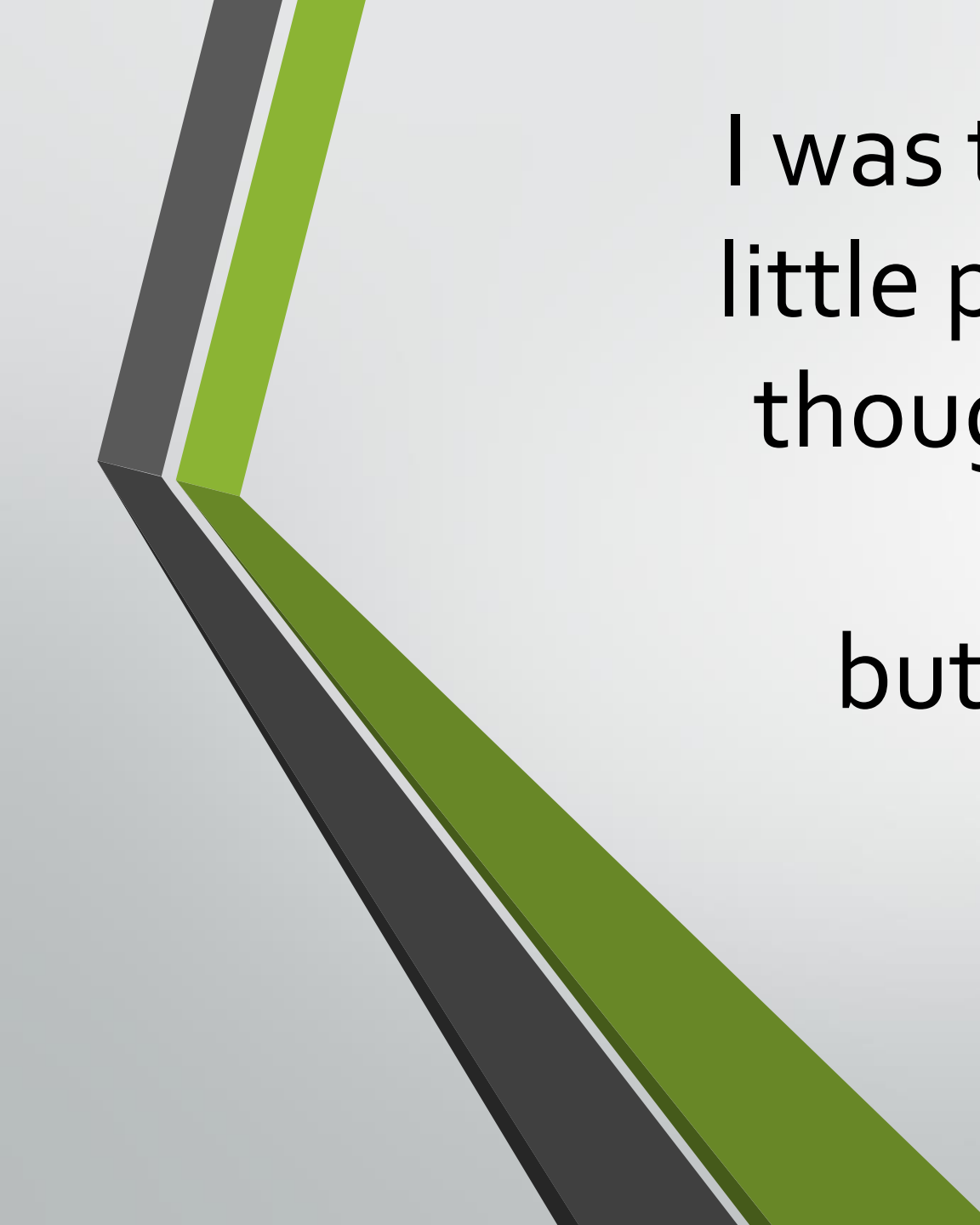
Tell us about your pain  
management





My pain was “doable” after  
two days. I thought it would  
be longer before I could stop  
taking pain medicines

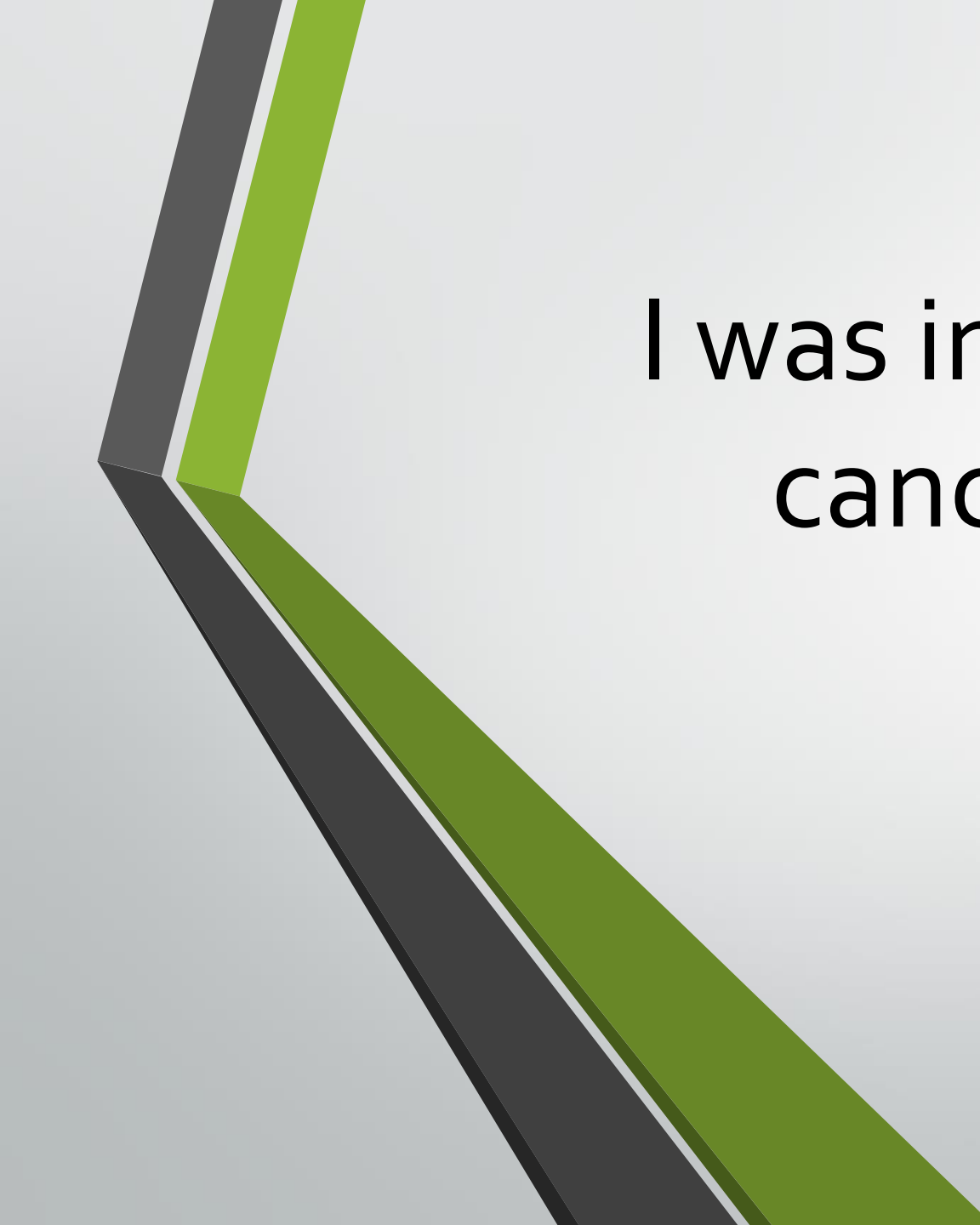
GYN patient



I was told there would be very little pain after surgery... and I thought... “How is that??!!” ...

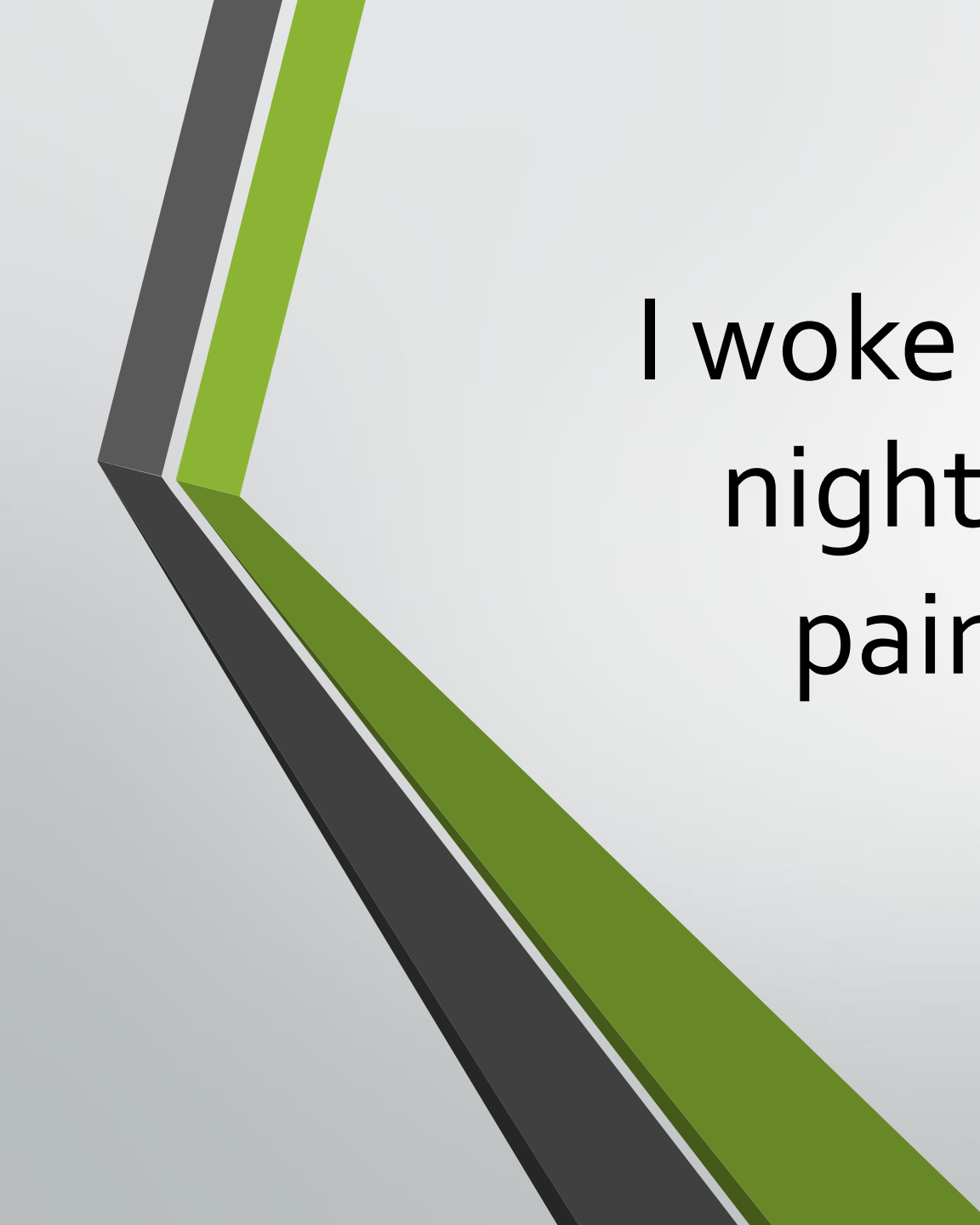
but it turned out to be true!

GYN Patient



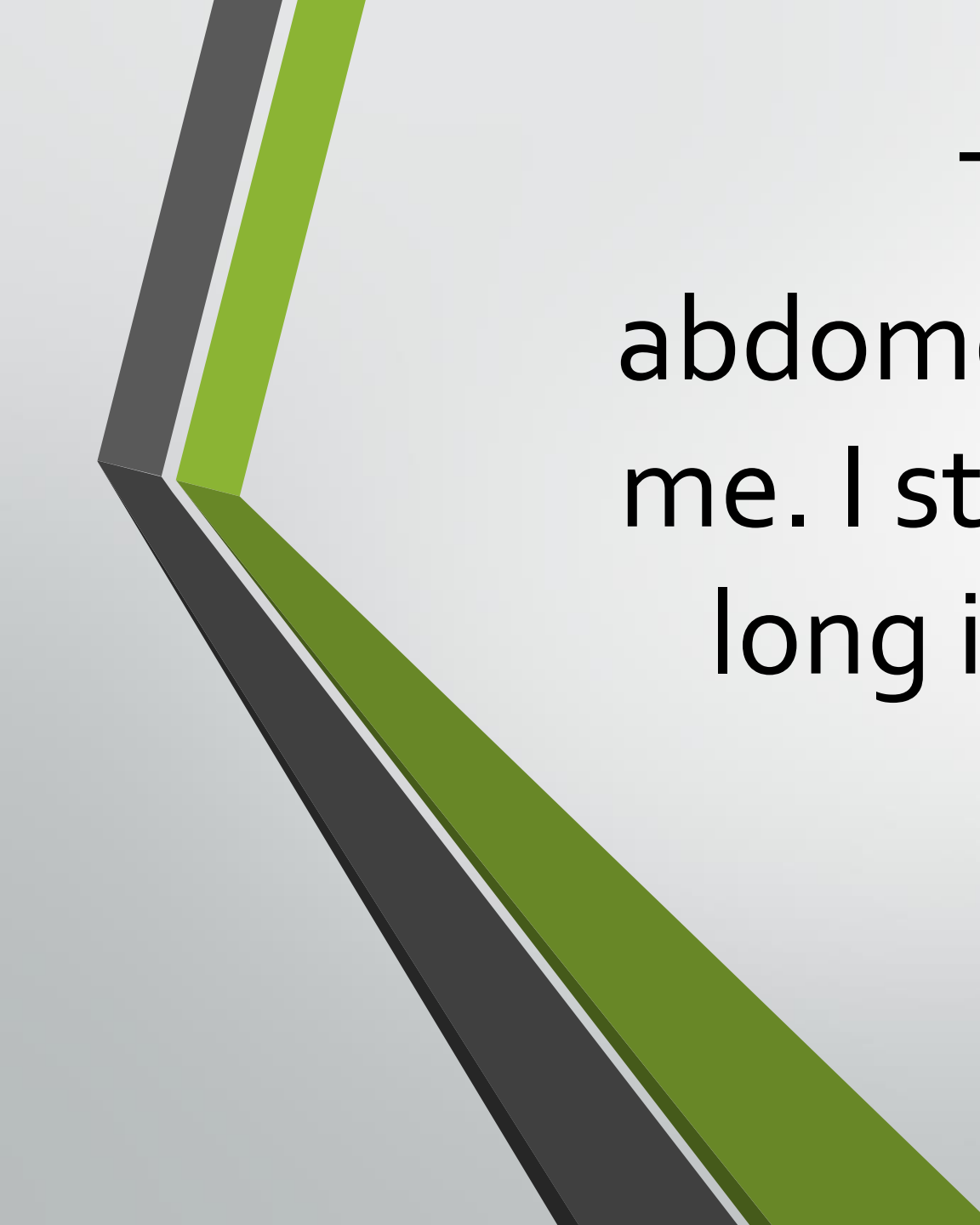
I was in such pain at home, I  
cancelled my first two PT  
sessions...

Total Joint Patient



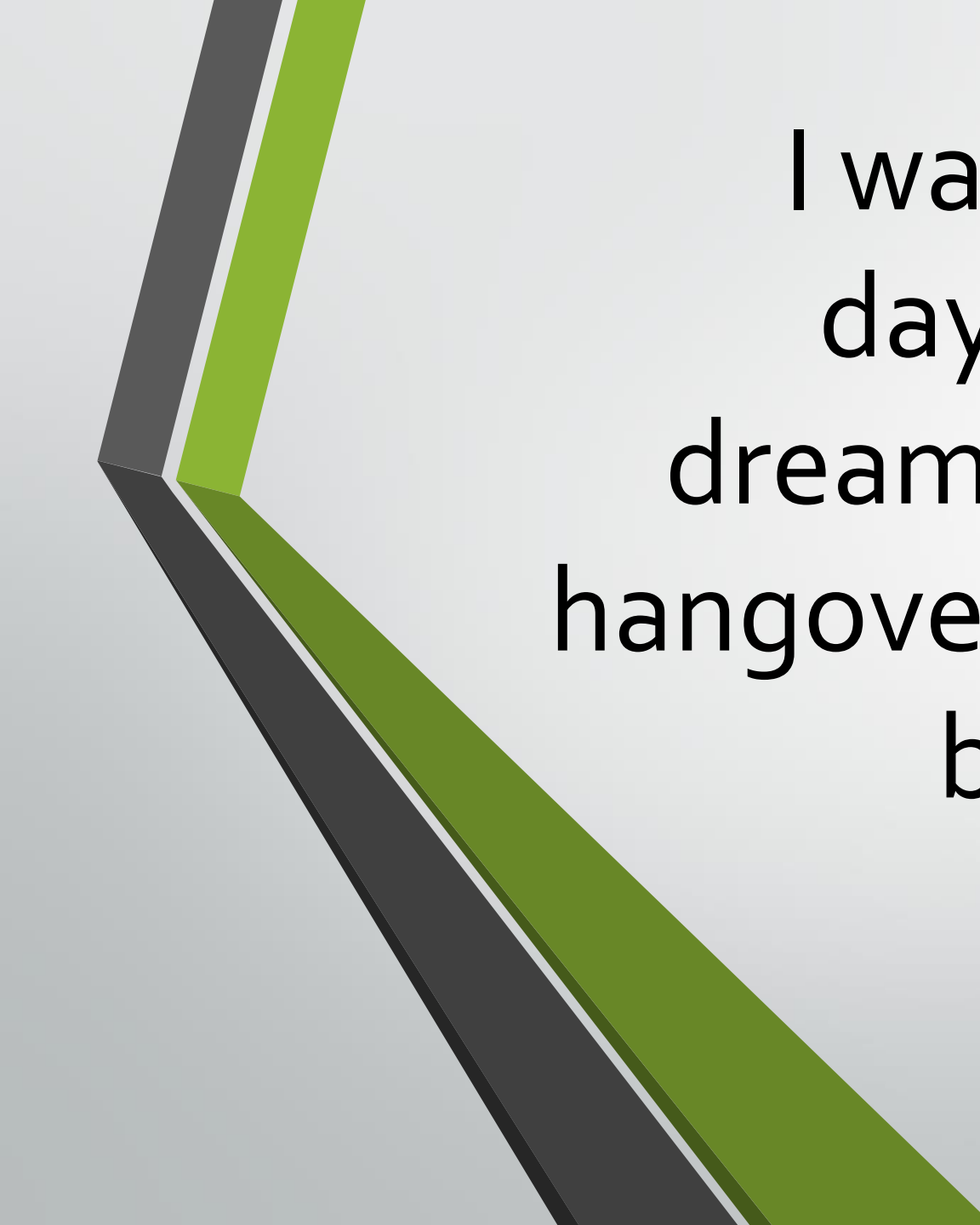
I woke up at 200AM my first  
night home with a JOLT of  
pain! It was very difficult

Total Joint Patient



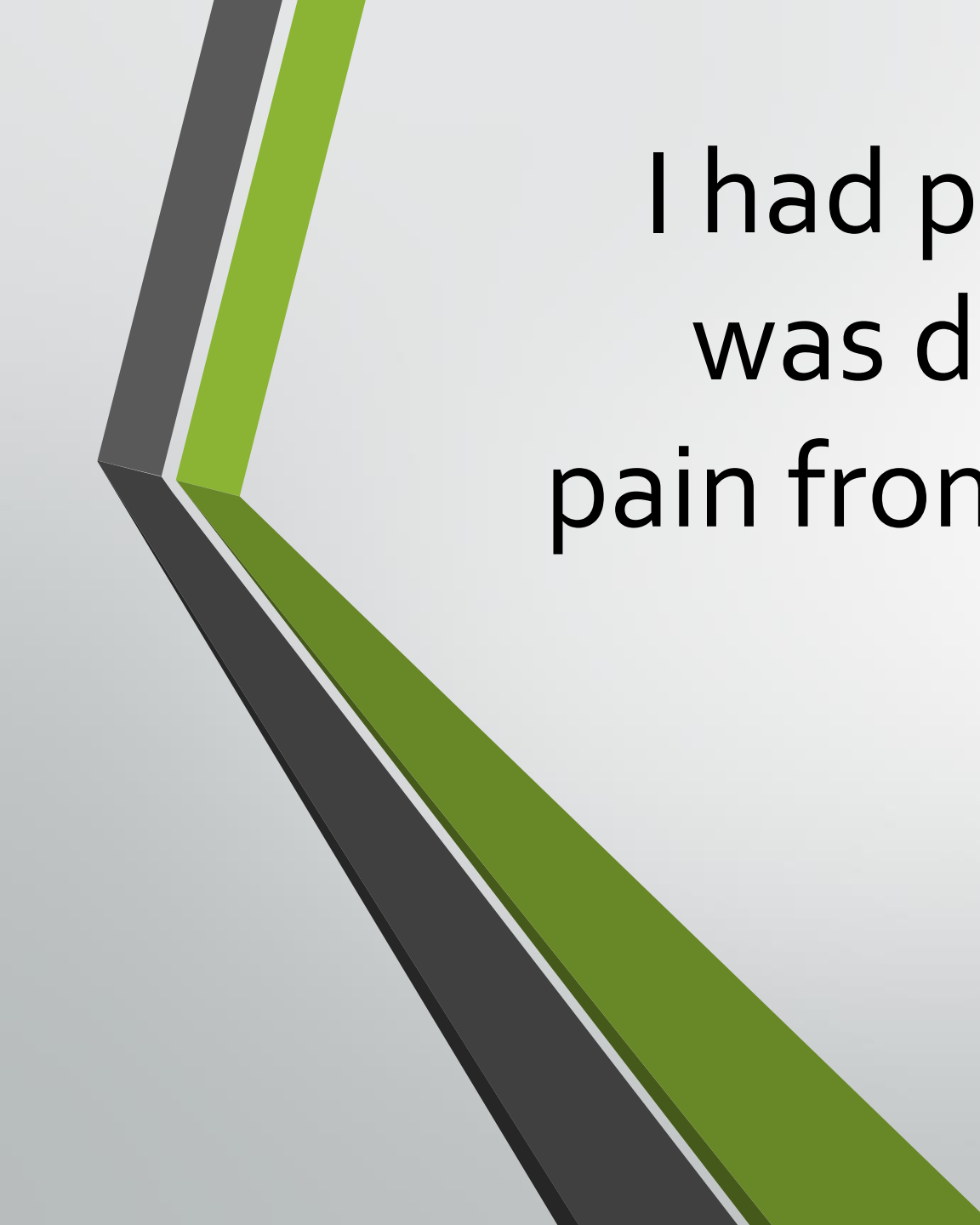
The tenderness in my abdomen was concerning to me. I started to wonder how long is this going to take??

Colorectal Patient



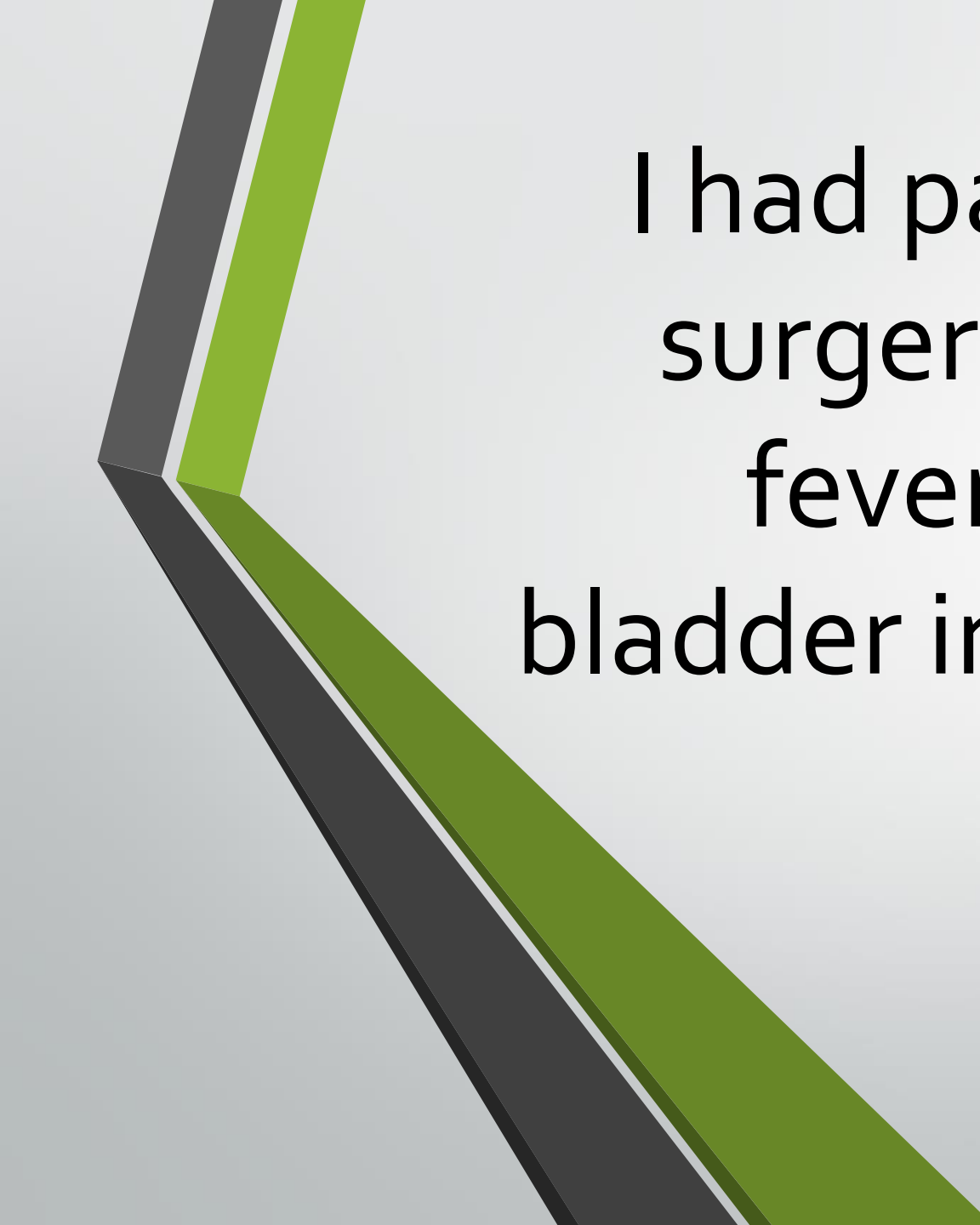
I was miserable for three  
days... I would have bad  
dreams and then a horrible  
hangover the next morning...  
but then it was better

Total Joint Patient



I had pain after surgery that  
was different from surgical  
pain from the incision. I didn't  
understand that.

Colorectal Patient



I had pain different from my surgery. And then I spiked a fever. It turned out I had a bladder infection. It was scary.

GYN patient



Do you know someone  
addicted to pain  
medications?



My Niece....




My classmate...



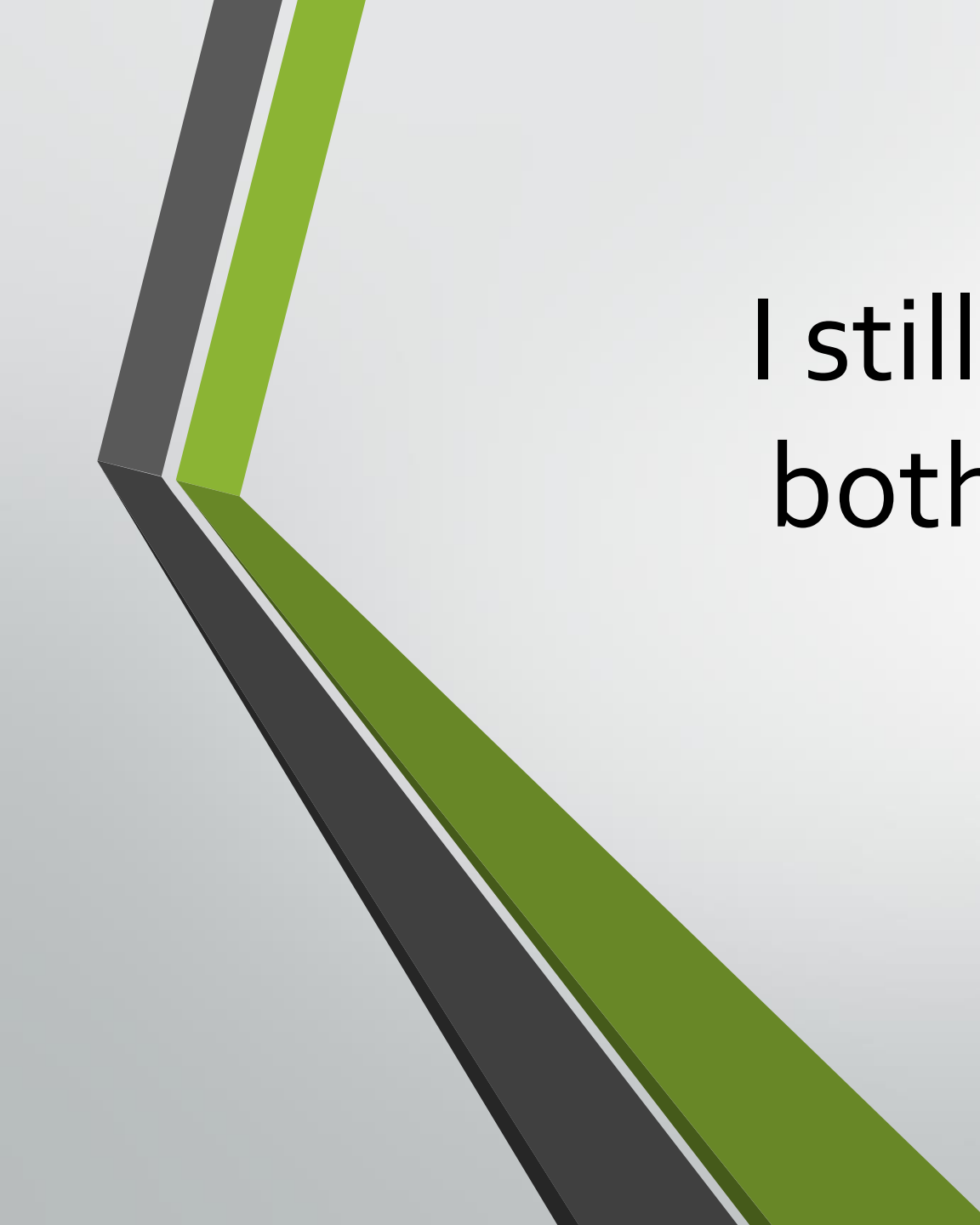
My father...

What has been your energy level... since being discharged from the hospital?



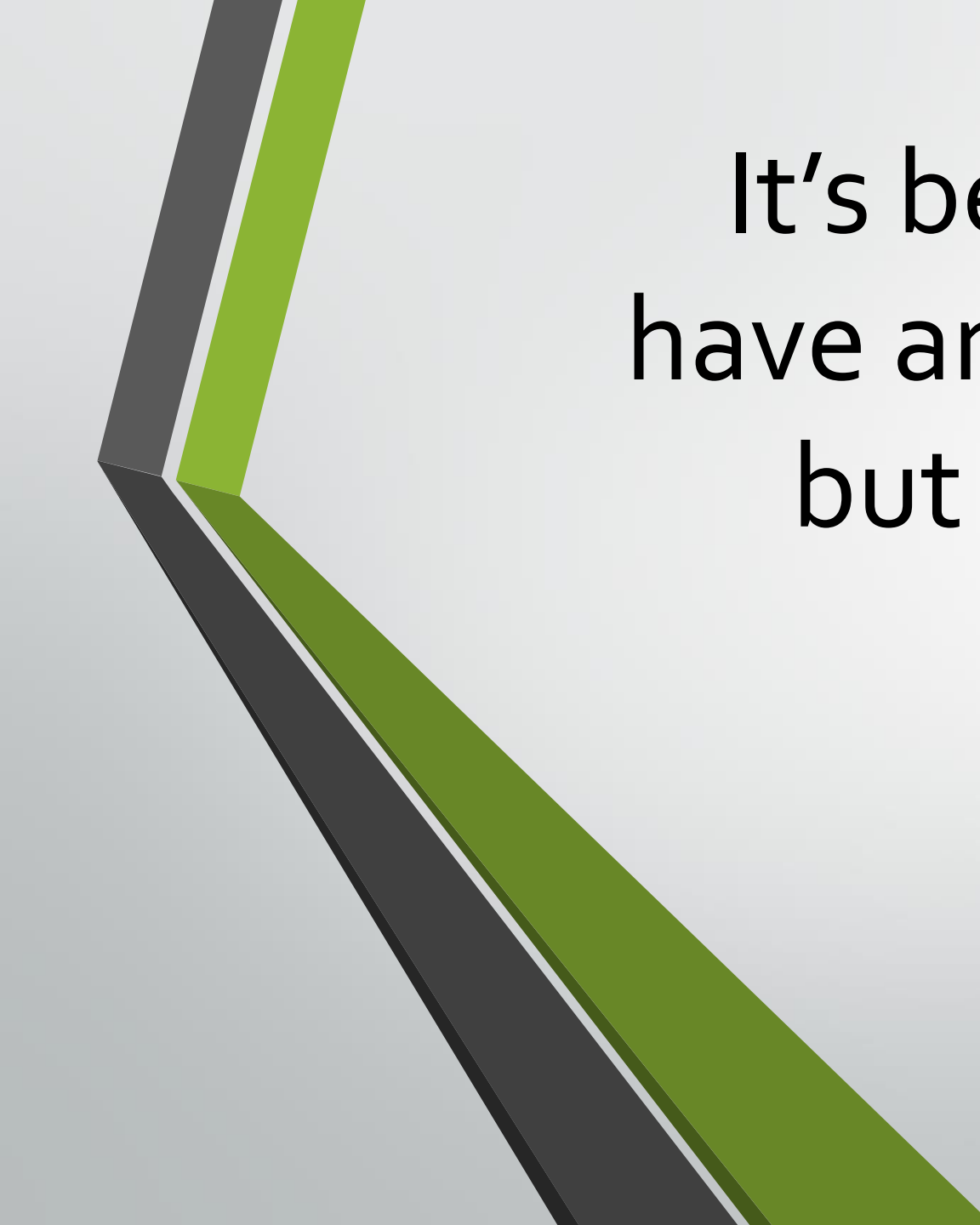
It's been six weeks now. I have  
SO MUCH more energy. Thank  
you, thank you!

Colorectal patient



I still get Charlie Horses in  
both legs, and don't have  
much appetite.

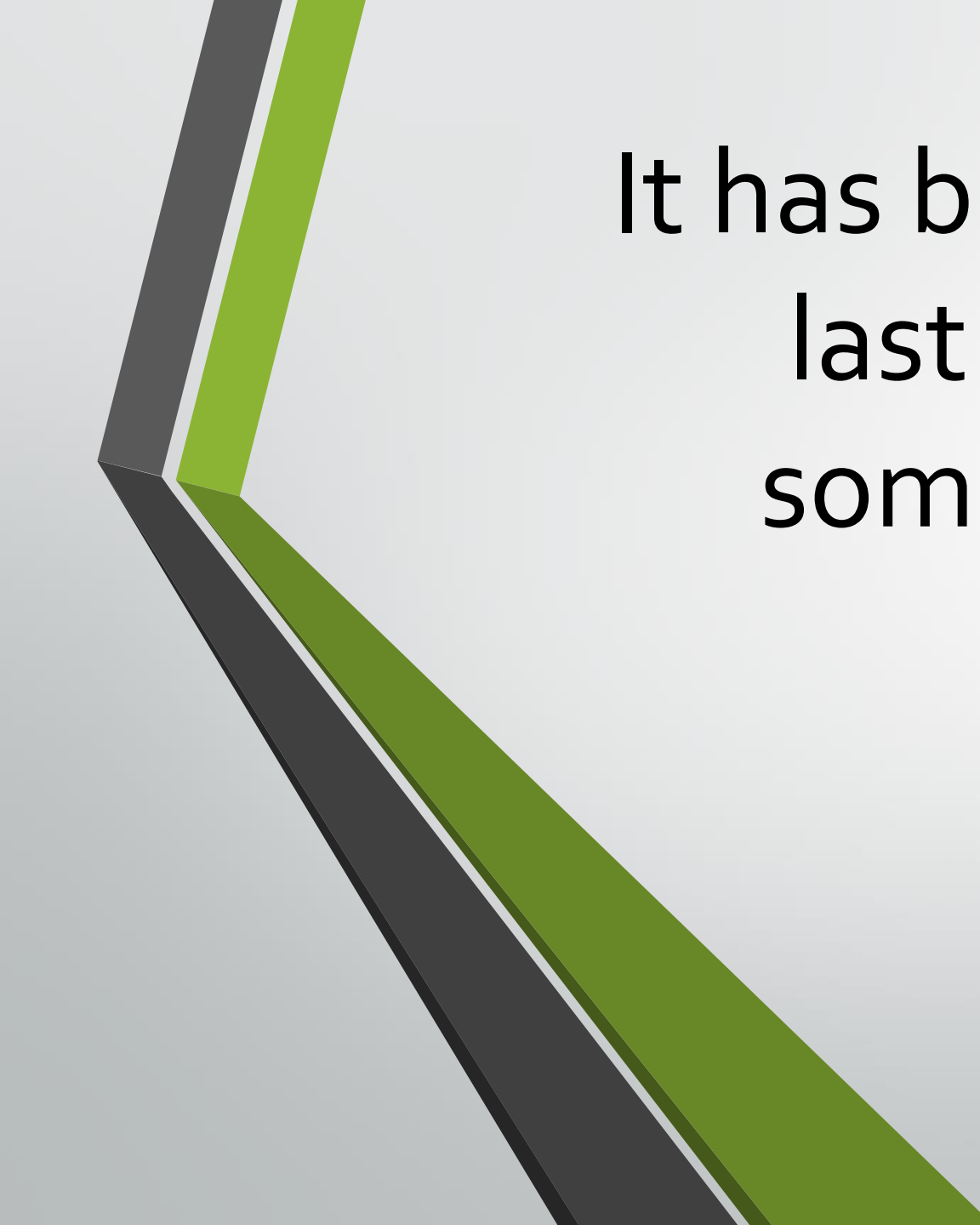
Five weeks after surgery, Colorectal Patient



It's been two weeks. I only  
have an occasional twinge...  
but I still take naps in the  
middle of the day.

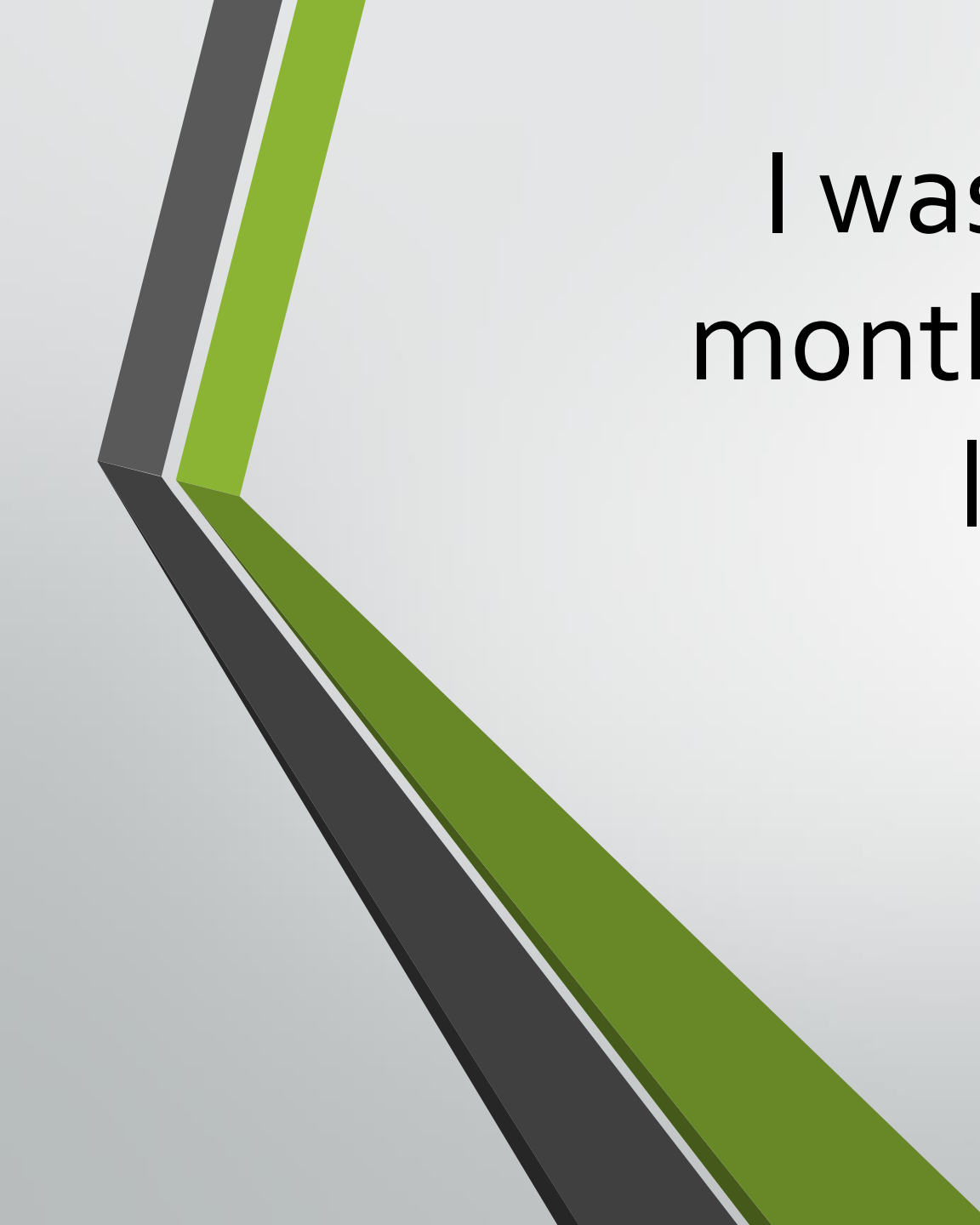
GYN Surgery





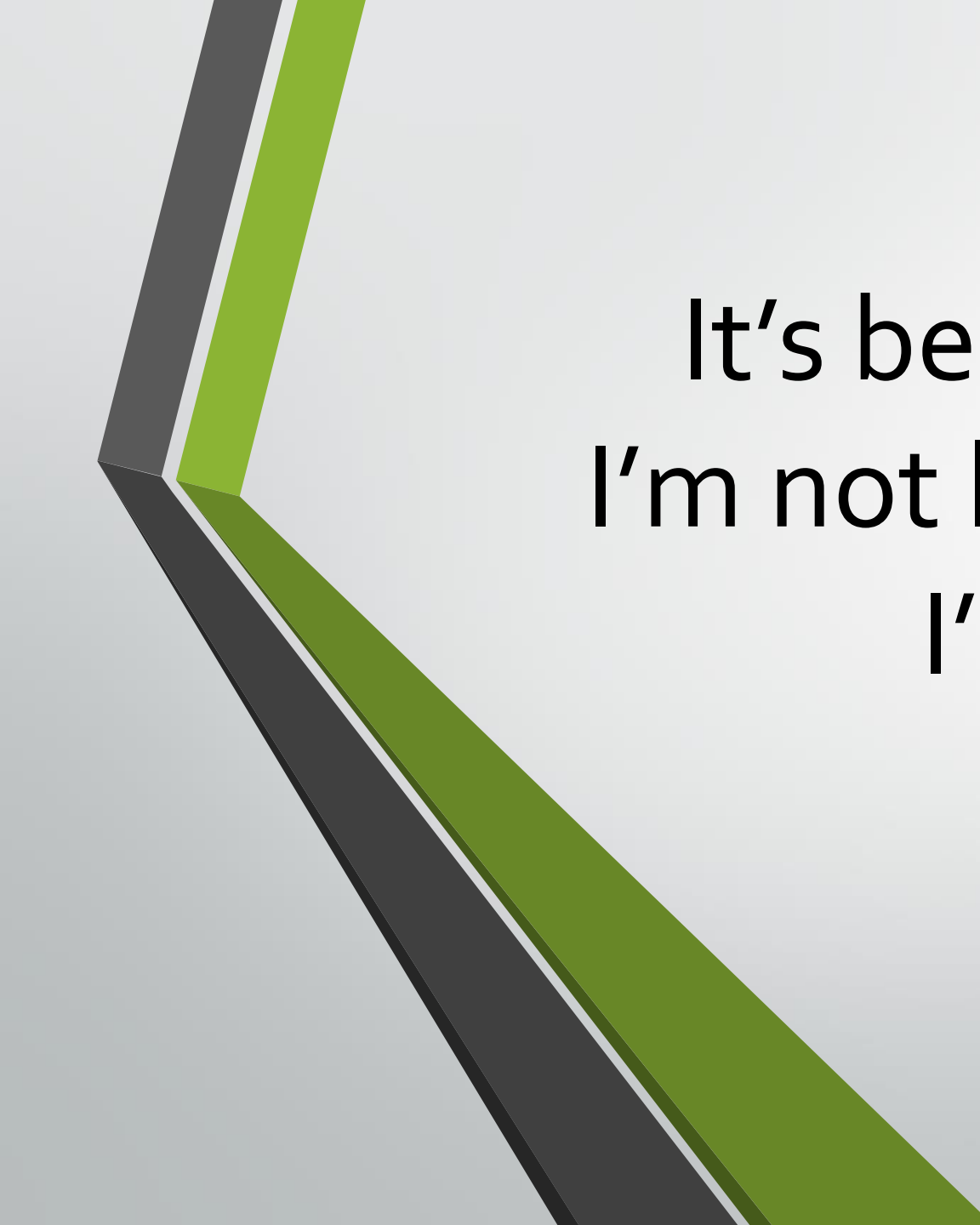
It has been 5 weeks. Up until  
last week, I was still have  
some tenderness. I'm still  
taking it slow.

GYN Patient



I was fatigued for about a month. I would crash for at least two hours in the afternoon.


GYN Patient



It's been two months now..  
I'm not listless anymore. And  
I'm limping much less.

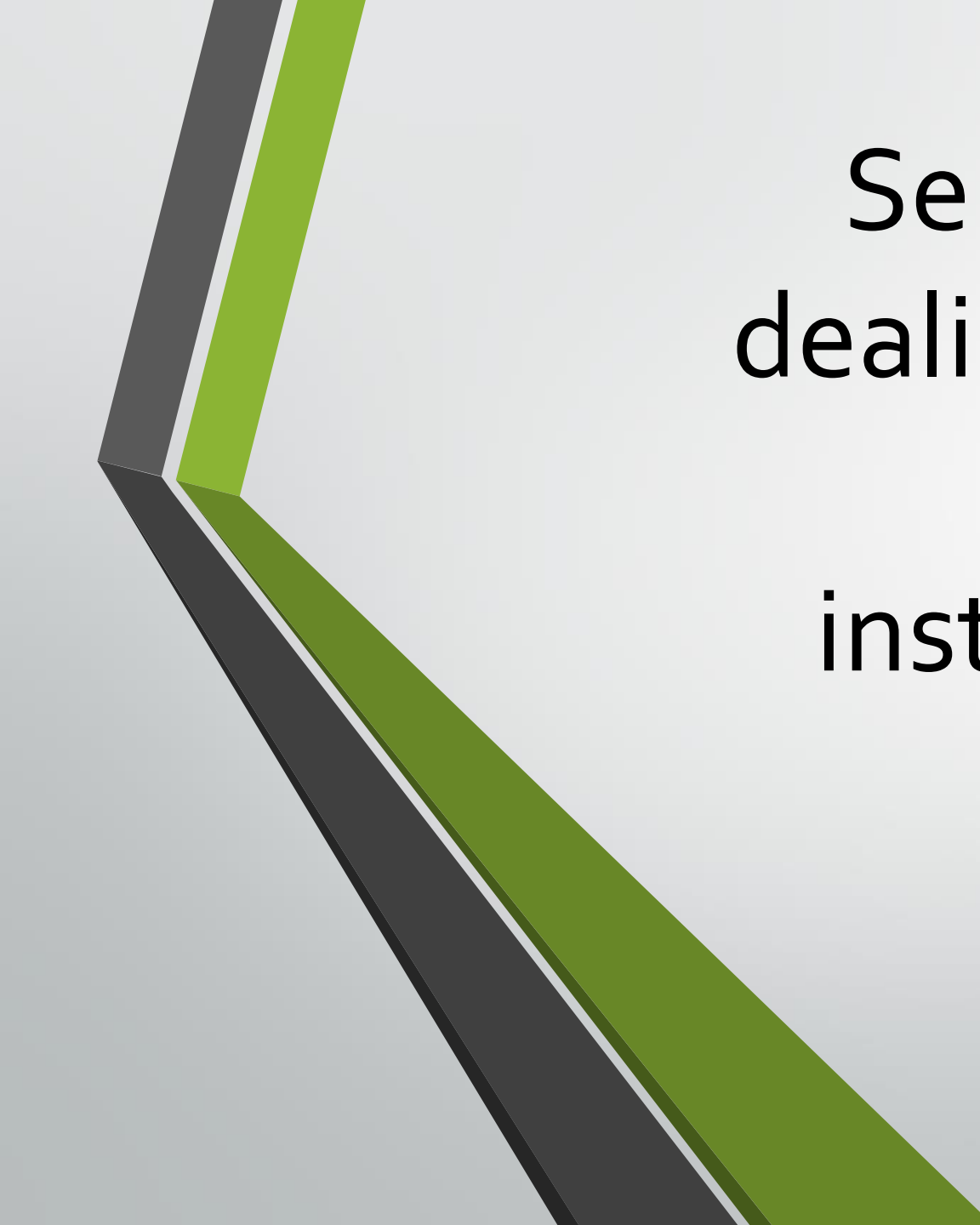
Total Joint Patient

What message would you  
like to leave with us?



Minimizing narcotics for  
more patients.  
Keep trying to use less  
narcotics.


Colorectal Patient



Senna is not enough for  
dealing with constipation.


And the constipation  
instructions should be in  
**RED!**

Total Joint Patient



Don't forget to tell people  
about the toilet seat!

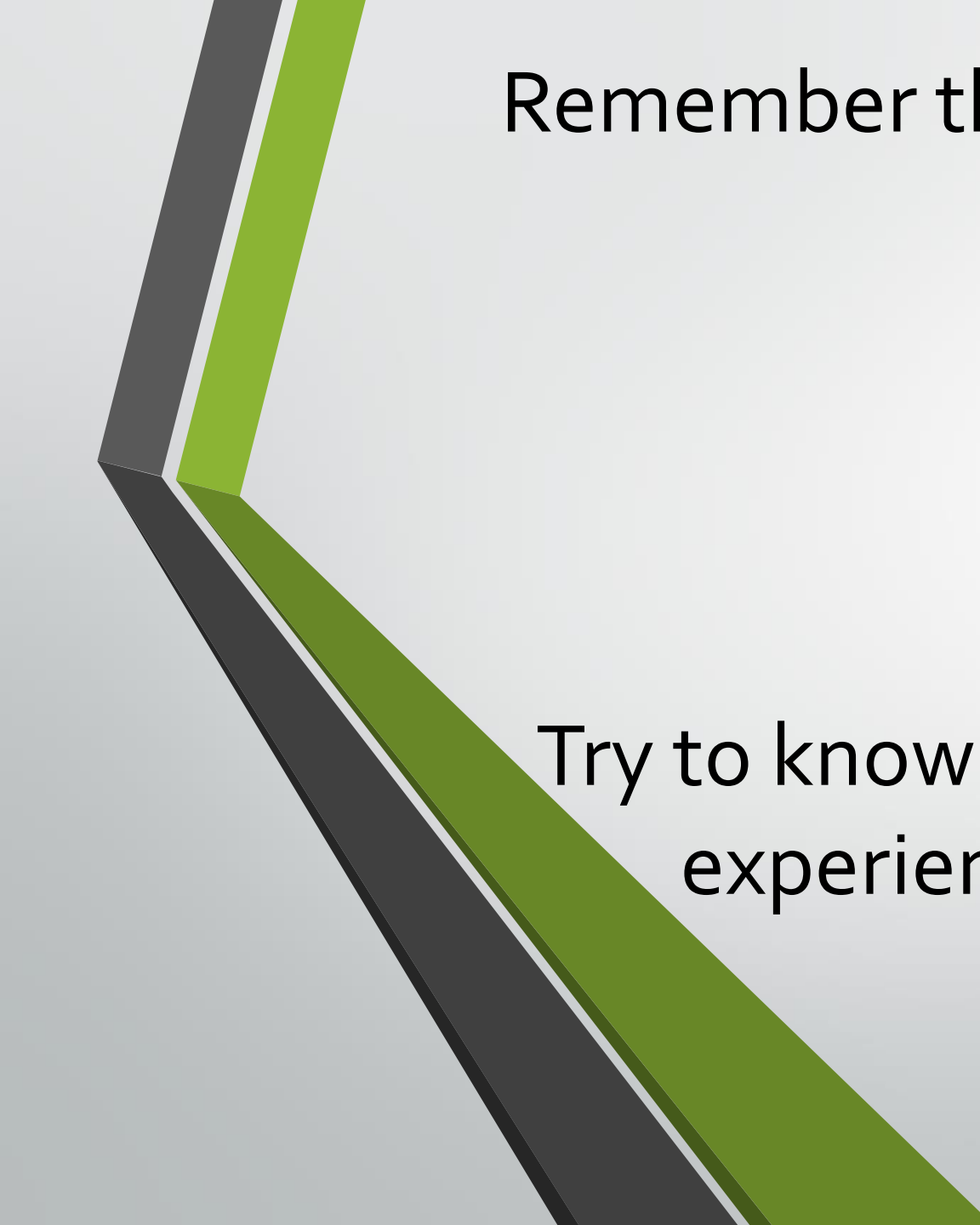
Total Joint Patient



Don't forget to tell people  
about the Foley!

Colorectal Patient





Remember that every patient is different...  
their life,  
their life's experience,  
their knowledge,  
their financial situation


Try to know your patient's knowledge and  
experience when you speak to them...

Colorectal patient



Ultimately, it is worth it!

Total joint Patient

A decorative graphic in the top-left corner consisting of several overlapping, parallel lines in shades of green and grey, forming a corner-like shape.

I am grateful for all that  
you do

Every patient....  
A gift....  
something to learn

■ ■ ■ Della Lin, M.D. Hawaii Safer Care, ISCR Liaison for Hawaii