Figure 1. Patient reported primary symptom.

Patients were surveyed and asked to report the primary symptom for which they were using medical *Cannabis.*

Debilitating
Pain (65%)

- Pain
- Muscle Spasm
- Nausea
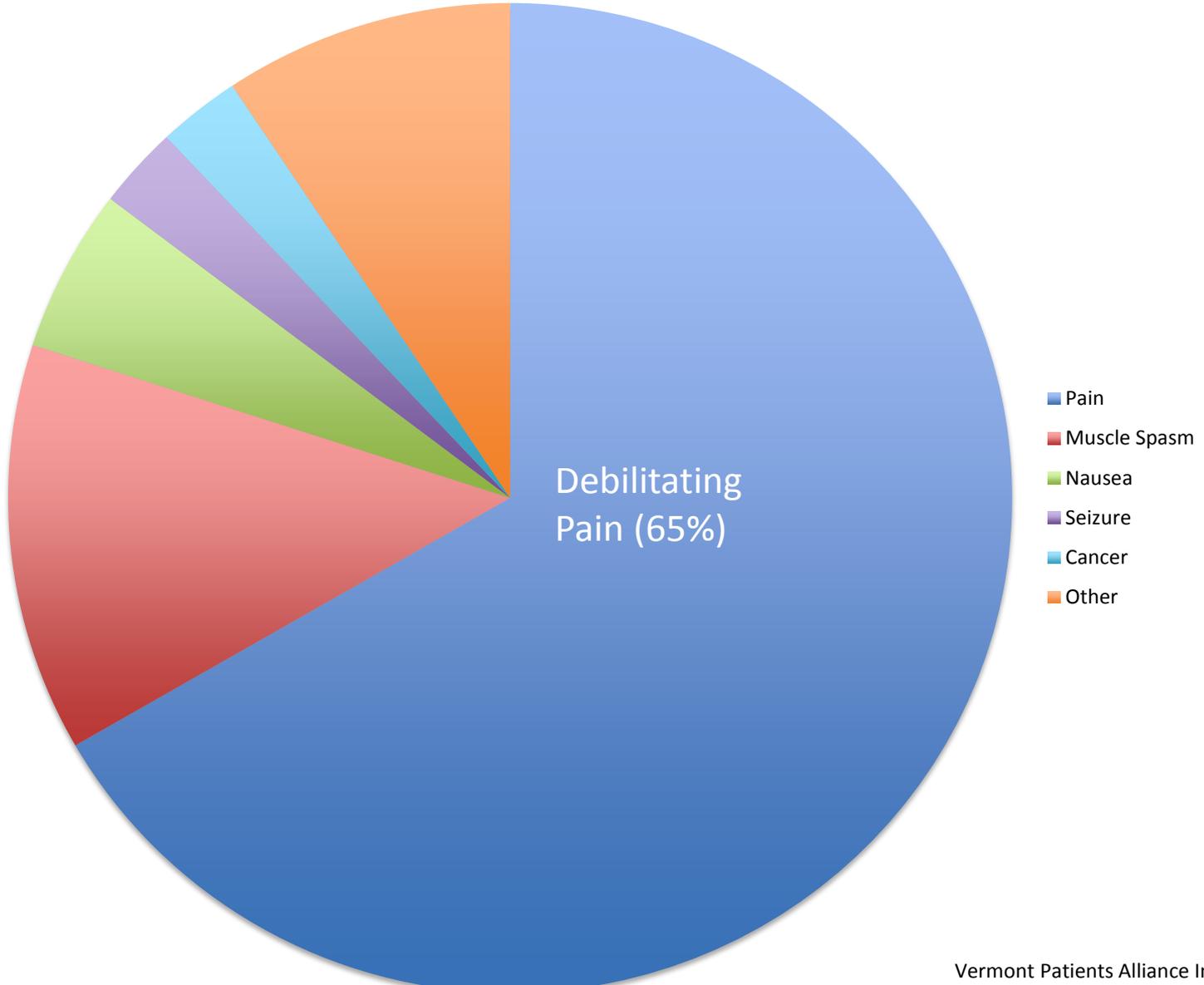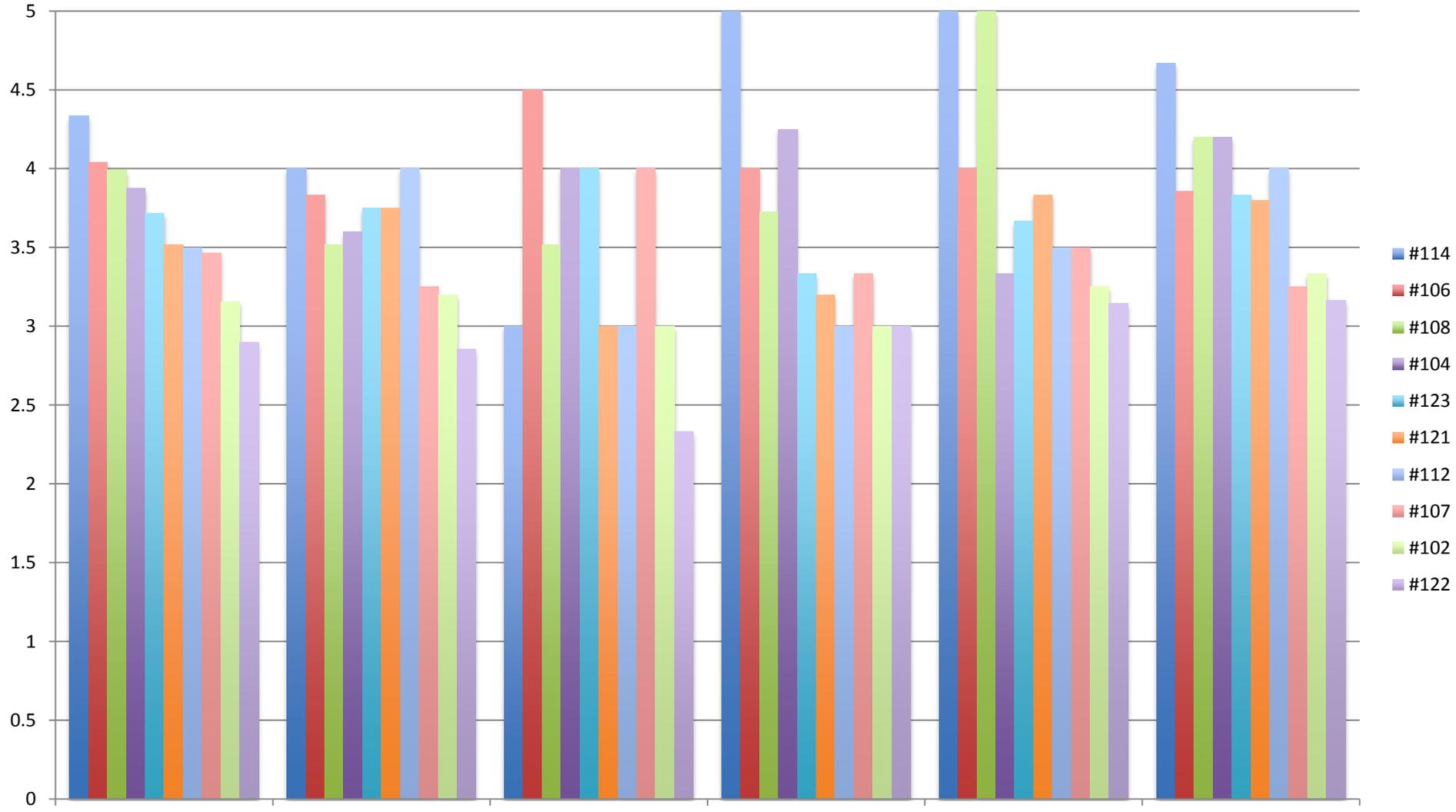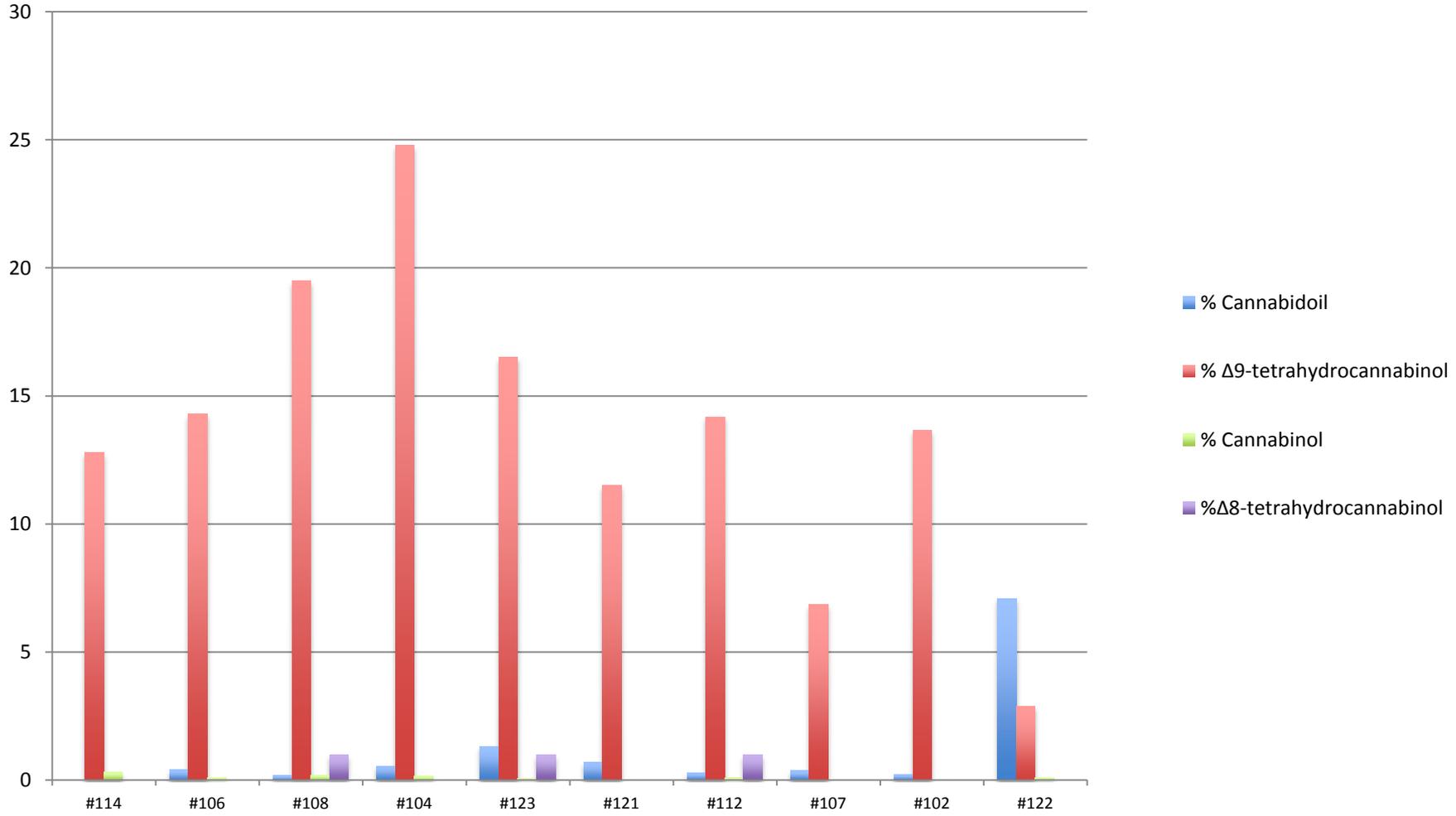- Seizure
- Cancer
- Other

Figure 2. Effectiveness of symptom relief varies with different *Cannabis* varieties.

Patients were surveyed at the return visit, and asked to report the effectiveness of *Cannabis* for symptom relief on a scale of 1 to 5.

Legend:
- #114
- #106
- #108
- #104
- #123
- #121
- #112
- #107
- #102
- #122

X-axis categories: Overall, Pain, Muscle spasm, Nausea/loss of appetite, Insomnia, Stress/anxiety

Y-axis: 0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5

Figure 3. Varieties and Cannabinoid potency.

Results from gas chromatography analysis demonstrate different varieties have a wide range of Cannabinoids (%).

Legend:
- % Cannabidoil
- % Δ9-tetrahydrocannabinol
- % Cannabinol
- %Δ8-tetrahydrocannabinol

Figure 4. *Cannabis* leads to reduced opiate use.

Patients were surveyed online, and asked if they were using *Cannabis* to replace their need for opiates.

100% replied yes

The reason why cannabis decreases opiate requirements can be explained by the pharmacology of cannabinoid opioid interactions as recently demonstrated in randomized study of patients with chronic pain, published in a top medical journal (1).

1. Abrams DI, Couey P, Shade SB, Kelly ME, Benowitz NL.
Clin Pharmacol Ther. 2011 Dec;90(6):844-51. Cannabinoid-opioid interaction in chronic pain.

Figure 5. Examples of patient responses (abbreviated).

Patient comment:

"I am currently reducing my methadone intake until I reach 0mg. I have been using medical marijuana to ease the transition, to help control my chronic pain and for my anxiety attacks. It has been beneficial to me to have it available while I wean myself off the methadone. It makes the transition less stressful physically and it also seems to help with relaxation."

Patient comment:

"Not only has marijuana reduced my need for and dose of opiates, but also it has replaced most of my other medications. I choose either a sedative strain to sleep or an energizing strain to keep me pain-free and awake."

Patient comment:

"I stopped getting opiates and rely on *Cannabis* in its many forms. The problem with opiates, besides the addiction factor, is the side effects and outright danger they pose."