

Title: Patient perspectives and experiences of preventive treatments and self-injectable devices for migraine: a focus group study

Journal: *The Patient*

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Online Resource 3: Coding framework

Groups	Code
Medication concerns/considerations	Drug-drug interactions
	Tolerability
	Organ damage
Coping strategies	Additional medical advice
	Darkness/sunglasses
	Lie in bed for long period
	Self-harm
Medication expectations	Ability to administer at any time (equally effective)
	Ability to have normal life
	Ability to self-administer
	Able to socialize
	Environmentally friendly
	Faster onset
	Minimal side effects
	No drug-drug interactions
	Reduction of anxiety and stress
	Reduction of nausea
	Absence of migraine
	Easy storage
	Easy to travel with
	Less frequent migraine
	Less severe migraine
Clear Instructions	
No severe side effects	
Implications	Can't exercise
	Can't leave house
	Daily functioning
	Difficulty with childcare
	Isolation
	Onset of depression
	Unable to drive
	Unable to work/study
Side effects	Constipation
	Dizziness
	Emotion/mood
	Hallucinations

	Hot flushes
	Lack of efficacy/decreasing efficacy
	Nausea
	Tingling
	Weight gain
	Weight loss
	Withdrawal effects
	Communication problems
	Concentration/thinking problems (cognition)
	Diarrhoea
Side effects	Heart palpitations
Reasons for medication discontinuation	Lethargy
	Nose bleeds
	Blood pressure problems
	Weak pulse
Symptoms	Concentration problems
	Emotional problems
	Memory/cognition
	Nausea
	Pain
	Sensitivity to hot water
	Sensitivity to light
	Sensitivity to smell
	Sensitivity to sound
	Speech problems
	Throbbing
	Tiredness
	Vision problem
	Vomiting
Medication concerns/considerations	Ability to self-administer
	Device breaking
	Error/accidents
	Illicit substance use
	Needle disposal
	Child safety
	Financial cost
	Transportation risk
	Long-term unknown risks
	Environmental concerns
	Storage
Device characteristics	Fear of not receiving medicine
	Device familiarity
	Device grip
	Device lock/security
	Device shape
	Device size
	Device stability
	Environmental
	Flange size
	Large base
	Manual injection/administration
	Multiple steps of administration
	Needle

	Needle shield
	Pinching of skin
	Pressure-delivery method
	Simple device
	Thumb rest
	Time to inject
	Weight
	Window
	Angle of injection
	Automatic functions
	Basic injection
	Capability of removing parts
Visual impressions	Old fashioned appearance
	Clumsy appearance
	Toy appearance
	Overengineered appearance
	Resemblance to insulin
	Scary appearance
Ranking Exercise/PT 3	Frequency of administration
	Symptoms over device functionality
	Disposal/waste
	Less invasive administration
	Effectiveness of medication
	Decrease frequency of attacks
	Device portability
	Needle visibility
	Severity of headaches- examples
	Portability
	Dose confirmation window
	Memory problems
	Pressing button
	Time for dose to complete
	Type of device