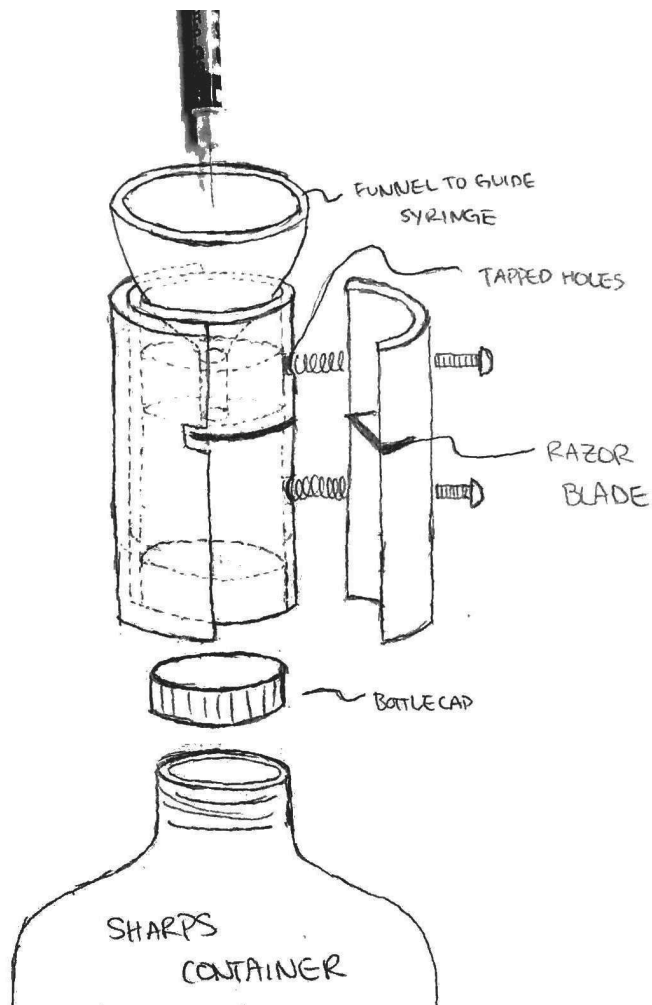


SKETCH MODEL PRESENTATION

Firevention! & SafeCut

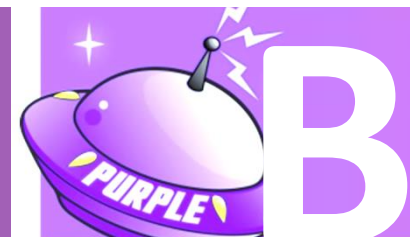
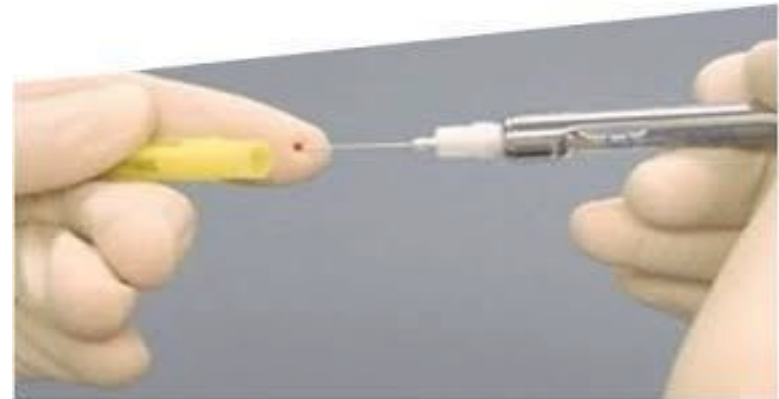
10/3/2013

SafeCut



Dangers of needles

- > 3 million accidental needlestick injuries a year
- Unsafe reuse causes infections (Hepatitis and HIV).
- Preventable deaths and health care expenses



Needle Removers



Yellowone

BD Hubcutter

**BMDi
Nomoresharps**

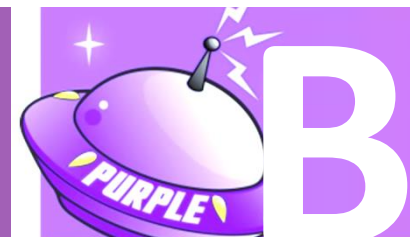
SafeCut

	Yellowone	BD Hubcutter	BMDi Nomoresharps	SafeCut
Cost	✓	✓	-	✓
Versatility	-	-	✓	✓
Ease of use	-	-	-	✓
Safety	-	✓	✓	✓
Storage	-	-	✓	✓



Cutting Mechanism test

Successfully cuts syringe
above needle



Next Steps

- Identify most common acceptable waste containers
- Make cap interface work on these containers
- Optimize funnel design for all syringe sizes
- Simplify mechanism: want lowest cost, least opportunity for wear/breakage



Questions?



NEEDLE REMOVERS



Product	Yellowone	BD Hubcutter	BMDi Nomoresharps	SafeCut
1 Hand?	Yes	Yes	No	Yes
Storage capacity	150-400	200-400	250-300	1600-3200 (Based on container size)
Sharps container	Aluminum can (not approved)	Attached	Attached	Available waste – gasoline jugs, detergent bottles, etc
Cost	~\$2	\$4	\$25	~\$5
Removes all needles?	Luer only	All	All	All
Different size syringes?	Yes	No	Yes	Yes

