

First name	Surname	Age	Gender	Location	Medical Condition	General Health	Do you know the name of the medical condition of your bladder?	Tell me about the problems/challenges you'd solve if you could. Ignoring walking again.	What are your bladder symptoms?	How do you currently manage your bladder?	How long does it take you to go?	Do you know the maximum safe volume your bladder can hold?	How often do you think about your bladder?
Quentin	Smith	40	M	NZ- Wanaka	T10 complete	good health	stress incontinence			ISC on a 4x daily schedule			
Ben	Lucas	51	M	NZ- Christchurch	L3 Incomplete	good health	no	know when you're full with certainty and confidence. Help with planning. UTIs	Botox. Didn't used to use catheters. Deterioration of bladder leaking. Sometimes get an urge. Generally tell how full. 600ml is max usually	ISC. Good to know you're empty. 5 a day	3 mins.	450ml	no much more than the number of times I catheterise. Always conscious of fluid balance. Don't fret about it.
Janet	Cuttle	56	F	NZ- Methven	T5 Complete	good health	don't know	just knowing when to go. Low volume too.	no feeling or urge. Leakage happens when least expect it.	ISC -7am, 1pm, 7pm, 11.30pm. Have botox once a year to reduce spasm and take solefenicin when that wears off in between treatments. Sharon English Urologist. Used to set alarm clock at night- don't any more but probably should. Use spedicaths		Didn't know her maximum. Wasn't accessed. Passes 1000ml regularly. Was surprised	a lot. It's a big deal.
Liam	Keenan	20	M	NZ	T5 Complete Asia A	good health	no	Nice to know when to go and only go when I need to. Reduce risk of UTIs. Preserve bladder condition over time.	spasm when nothing in bladder. 1 day I have 200ml next day will be massive volumes 1litre plus for no reason. 7.30am, 12pm 5pm, 8 pm, 10-11pm	ISC-timing works mostly Set an alarm on phone use spedicaths	5-10mins	500ml	lots
Sarah	Pope	40	F	NZ- Auckland	L1/T12 paraplegia complete. 17 years since accident. Fell out of a tree	good health		Used to everything now. But great to not have botox and know my capacity Good when having wines. Good to have an alarm at night alerting me when to go.	Botox. Feel little spasms. Some kind of feeling.	ISC 4 or 5 times. Wear big pads. Sit on toilet and go. takes me 5 minutes.		no idea. Go into toilet.	constant thought. Where's the accessible bathroom
Amanda	Maxwell	56	F	NZ- Warkworth north of Auckland	L1 complete paraplegia (2001 accident)	good health	don't know	Just knowing when to go. the convenience of it.	Don't know when to go. What she drinks doesn't seem to correspond with what the volume of urine she passes. Cough or cold increases likelihood of incontinence. Volume differs, sometimes as much as 900ml.	ISC every 4 hours or so. (mentioned using 1 catheter for 2 days despite being an ACC client.		sometimes goes 900ml	
Laura	Stuart	30	F	NZ- Wellington	T4 Asia A complete	good health	no	UTI's take long term antibiotics	take solefenicin. sometimes think I sense fullness although sometimes I think I'm full and I'm not. If I overfill my bladder to say 800ml it takes me a week to recover and my capacity suffers badly.	ISC every 2-4 hours Spedicath. Go more in the morning	15 minutes by the time I've found the loo. Sometime longer because I work in a highrise with only a few accessible toilets and there are others who use them. Very frustrating thinking I need to go but I really don't I will have wasted so much time. an hour a day sometimes going to the loo.	300-400ml. Usually exceed this 450-600ml	often
Terry	O'Neill	53	M	NZ- Canterbury	T10 complete	good health generally. Neuropathic pain.	no	Just knowing where your bladder is at any moment would be very handy. Especially when you're unsure. like when you're lying in bed and don't want to get up. Hassle going to the toilet unless you need to, sometime 100ml, you think shit. Everything in a chair takes longer so reducing time.	I still get overfills. And I think...what the heck! Always times when you get it wrong. Get sick of it. Constantly thinking about it. Out of routine. So easy to just forget. Shit I haven't done an empty. what goes in doesn't always come out.	ISC-monitoring fluid 4 catheters- based on morning midday afternoon night. aiming for 300ml. Occasionally go up to 600ml	5 mins	don't know. no one's told me or the effects. this is surprising.	When you're in routine it's better. don't think of it as much. Think about it more when you're out.
Diane	Anderson	51	F	NZ- Auckland	T7 - stroke in spine. can walk. below waist stiff etc... pretty mobile	good health	no	Nice not to have to catheter. Not as often.	no spasm. take versicare. Can void, doesn't empty properly. that's why I use ISC. Can't feel it filling. Get the urge to go. Feel some need to go.	go to the loo- morning- water and hot drinks. 3 times less during the day. 2-3. 1 catheter every 4-6 hours. 4 times a day. Was getting too many UTI's so need to do catheters. 100-300ml	couple of minutes. I can standup.	no (around 400ml)	just keep an eye on my watch.
Vaughan	White			NZ- Te Horo north of Wellington	MS	declining- use a wheelchair full time			urinary incontinence is developing and increasing	I use a uridome for added security and range, particularly when I have to sit somewhere without a toilet close by. With very careful management I could solve most of my problems BUT life gets in the way and time slips by and I lose track of how much liquid I've consumed.			worried about it lots of the time
Fen	Coull	49	M	NZ- Wellington	T2 Complete paraplegia- mtn. bike Taupo race 9 months ago	good except for UTI's	overactive	knowing how full it is. "I want to be as normal as I can" Info on how my bladder works. Be aware of trends.	Bladder is my biggest gripe. set alarm at 2am but don't always make it to 6am.	ISC 6 x a day. spedicath with a bag. Botox. pee into a jug		under 500ml. 300-400 ideal	lots. When is it due? When I'm close to time. Stressful thinking I need to go.
Angela	Todd				Head Urology Nurse at Burwood.								
Justine	Hunter	39	F	Auckland	1986 T7 paraplegic double leg amputee. C5 damage caused by syring	goodish. Bowel issues being a problem	no	I don't want to use catheters. Serious injury coordinator with ACC. Links of bladder cancer with paraplegics and infections.	I don't leak. I can feel distended. ITSC 8, 12, 4, 8 pm	Stopped tap and express when I got pregnant. Been asked to use catheters now just use pressure.	2 minutes		
Tanya	Black	42	F	Auckland	T12 complete fall 10 years ago.	good	no	leakage.	I do bowel everyday but I get a build-up and I'm small, and pressure on the bladder when my bowel is. Pain all of a sudden. then leak.	ITC- 5-6 times a day. Transfer onto the toilet. Empty well. vesicare.	Quick	500ml.	A couple of times a day. Damn I need to go.
Alli (son Luke)	Alderton	18	M	Christchurch	C2-C7- Transverse Myelitis		no	no leakage and no pressure to damage kidneys	takes medication for bladder spasm. HAS damaged kidneys so have to be very careful.	ITC every 3 hours by his mum and indwelling catheter at night			has carers that do everything for him
Dean	Brennan	56	M	Auckland	C3/4/5 tetraplegic 20 years. No pressure areas because I can feel pain. standing chair.	pretty good- drink cranberry juice every morning and keep kidney stones. Have hyper sensation. syatica on legs. Haven't loss muscle to be since accident.		Knowing when to empty your bag. The bladder fills up and all of a sudden I get dysreflexia or spasm. My bladder is so sensitive I get pain.	My bladder is always empty and it is now crinkled up in a small area. White fluffy buildup. pseudomonas infection. Tube in the bladder, crevices on the bladder and the build up. Need to do irrigation a syringe of fluid into bladder, not sure it helps. Get's stuck in tube before it enters the bag and can cause my bladder to fill up. Every couple of months.	supra pubic catheter.		no idea	

First name	Surname	What are your main concerns with your bladder function and the way you manage it?	Do you limit fluid intake because of bladder concerns?	When would you want to wear it?	What do you think of the concept?	What features would be important to you?	How would you want it to notify you?	what sort of data would you like?	How would you like to wear it?	what concerns do you have?	What would you pay for something like this?	happy to test form factors?	anything I've missed or you'd like to add?	Would you like to be up to date.
Quentin	Smith	leakage from stress/bladder pressure		depends on form factor		Discrete.	normal device notification options.							
Ben	Lucas	sometimes I get tied up with work and man I get full, then I don't pick up on the sensation. hybrid sensation.	not in day to day, but if I'm going out somewhere I might, like fishing on the boat.	all the time- weekends are out of routine so would come in handy then for sure. Holidays too.	bloody good because the dangers of overflow bladder and kidneys are serious. A couple of old timers I know died of kidney failure. Great for newbys. Reading every 10 mins. Teach you how fast it was filling. Fluid balance. teaching device also.	training tool. weekly graphs. like to know flow rate how fast it's filling.	vibration		adhesive preferred. would it be waterproof? stay on for a couple of days.	UTI's and AB resistance.	Depends on who pays for it. If it's ACC then more. \$1500-\$2000	yes		yes
Janet	Cuttle	State of my kidneys. large volumes. Leakage. Can't pinpoint when it will overflow. When Skiing- wonder if the cold does it? Fluid in legs, when I lie down I know it gets fuller. Sometimes when I'm out I think it's full and go to the trouble to find the toilet and discover it isn't full. Takes 10mins to go and sometimes that long to find a toilet to use. don't drink a lot of water as a result.		all the time	fantastic idea.		chime on mobile or any of those other ones		Adhesive suit me best. belt- pressure-positioning pulling pants down might disrupt positioning	not Bulky- has to be comfortable. pressure	\$400-500	yes		yes
Liam	Keenan	overflowing and damaging my bladder and leaking. It's the worst thing not knowing. Frustrating thinking I need to go but I don't especially in the middle of the night.	yes- conscious of not drinking too much	all the time	Awesome idea- independence	size expectation- iphone 7 max	not too loud. might not feel vibrate. Mobile connected best. 100ml before full. need to be able to check on demand.		would consider an adhesive as would always know it's in the right place. not going to feel it when you rip it off. not going to lose it. Don't have to rip it on and off all the time.	I sleep on my stomach so not too bulky. don't want pressure areas. don't want it to inhibit transfers when I lean forward.	ACC would pay. \$8000-\$10000	yes		yes
Sarah	Pope	worried about leakage. It does happen. sometime I leave it too long. Worried- do I need to go? Botox wears off capacity goes, no warning. Can happen over night. Have nutrifurintone everyday. prophelatic.		if it was easy. I would wear it during the day, and night to alarm me.	Really cool. Interesting.		Mobile phone. Capacity. Time is important. Do I need to go now? Planning for meetings etc..		stick on best. Belt thing has to be easy. have to be comfortable. Hypoersensitive injury feeling level. Would like to remove it easily. intimate moment, swimming. Sticker. Very useful, when having wines.	no concerns. pressure	I'd ask ACC. Up to \$1000.00. Under \$500 would be great.			yes
Amanda	Maxwell		yes. sometimes I don't drink anything for 6 hours		Awesome concept	mobile connectivity	anything notification wise no preference		adhesive preferred	pressure/rubbing if wearing a belt accurate reliable don't want to lose it	under \$100 would be great	yes		yes
Laura	Stuart	not knowing when to go. The uncertainty	yes. I hate restricting this. Like to drink lots of hot drinks during winter but I'm hesitant to do this. Not sure if this is bad for my health.	all day. At night when I'll get a larger fill.	Awesome	how active my bladder is relative to time and max safe volume	phone- alarm or text message		prefer sticky plaster -most comfortable (no mention of sex life or being able to take it on and off with ease) no belt/clip to deal with.	reliability. pressure. not too hard. discrete	\$300-\$500	yes		yes
Terry	O'Neill	eliminate overfills. If I can keep it nice and consistent I don't get leakage.	yes, I do. Especially in the winter. Or if I'm not exercising. You think "Can I afford to have a drink"	depending on how discretely you could attach it to your self. All the time or maybe just during the day. But having it on while sleeping would be good too. Ideally, all the time/	Like that it's not invasive. Whole idea of it being invasive -infection problems, don't want to have more surgery than I need to.	that it works and gives you warning	connect to phone	% or volume fine. time could be pretty handy when you're travelling- knowing how long you've got.	tape it on. active as well. adhesive. sweating down there. Movement. difficulty. Associated with some clothing. underpants.	does it work. Can I rely on it. I would put up with some inaccuracy.	up to \$5000	yes		yes
Diane	Anderson	just a hassle. UTI's worried about getting. don't have as many concerns as most.	at night I decrease what I drink. Still think I might leak.				mobile		adhesive ok might come off. Not keen on belt- comfort. Injury level sensitivity. clip.	whether it's useful to me	no clue	n/a		yes
Vaughan	White	By the time I sense I have urgency and need to go immediately. This is a large problem.					mobile phone		I wear loose fitting trousers so could easily hide it.		would like to see it come through MOH	yes		yes
Fen	Coull	I just can't work out when I need to go. Different drinks have a different reaction. Increased risk of Autonomic dysreflexia?	yes. Scared to drink too many fluids	all the time	awesome. help with planning go early or not	something to wake me up during the night	mobile phone/apple watch		doesn't matter. belt or stick on.	not concerned about radio waves.	Low 4 figures. \$1000?	yes. Will do anything to help		yes
Angela	Todd													
Justine	Hunter		Alcohol throws me. Guessing what's going on. If there's ever an accident it will be when I'm having a drink.	During day At night	I'm still guessing. The amount of pressure I'm putting on myself is more than what I need to do. Would be good to know how much strain I need to do. Could be useful to measure left over urine. Pressure from bending down causes me to leak. Being aware of how can ful you		mobile. Discrete icon that doesn't give away the bladder. At night an alarm.	volume % full.	securely. Probably stick it on. Strap would move. wouldn't stay in right position.	No pressure areas. Discrete. Take it on and off for romance.	\$1000 or more. I do believe ACC will fund it. Attendant care?	yes		yes
Tanya	Black	leg spasm. violent kicks. related to bowel and bladder if I'm full. That is one sign. Less spasm. Would like forewarning.	Been doubling fluid intake for bowels. Drink a lot of water.	Trial and error. Don't know really. See where I get the most benefit. Improve your habits.	sounds amazing Feel like you have control again.		Discrete. Vibration.	if it's getting near to full. Understanding patterns. % or interactive thing add data into phone. Could you tag events. Graph ot when you voided and the volume measured.	it would have to be like a money belts inside clothing. velcro strap. I wear quite fitting cloths. Comfort wish would be ok. extra bulk. opn and off toilet doesn't fall off. Taking trouser doen doesn't fall in the toilet. Would like to remove it for hygiene purposes.	Bulky. Dropping in toilet. no safety concerns spring to mind	No preconceived ideas. Medical devices cost lots. Would expect funders to take an investment approach. Such as ACC.	yes		yes
Ali (son Luke)	Alderton	pressure causing kidney damage. This has already happended and we need to be super careful	yes definitely	during the day	if they can maintain dignity. Awesome. Giving you time back.		mobile	bladder retention alarm. If it haven't voided for a certain time. Could it measure bladder spasm and alert when to take more medication?	have to adhere to the skin wouldn't it? No bulge. could it slip inside tight undies. Just during the day as Luke uses an indwelling during the night.	hard and rigid uncomfortable. flexible. pressure. does it have to be placed in the same position worried about adhesive in same area causing issues.	Always astounded at how expensive comode chairs are. Would get ACC to pay for it. I fl had to pay? A few hundred. If it saved Kidneys I would pay much more.			yes
Dean	Brennan		Drink water lots prevents kidney stones.				flick me a text saying it's 3/4 full. Fuel gauge	When you would need to have a drink. A drink reminder. 2 litres a day minimum.	shacklock foley- Have to be made of very thin material like silk. Plastic turning cloth. marks from it. Use material to turn me.	sensation- tolerate it or not.	Anything to do with medical is expensive. Understand the development costs associated. Giving you independence. ACC would go for it. It would make you more independent. A lot less infections and you'd obviously be healthier and spend less time in hospital. ACC would pay big bucks for it. \$3000-\$5000K	yes		yes

First name	Surname	Comment on enquiry	Contact Number	Email	Where did the connection come from	Address	time to connect	Other	reply to 1st update	Waist size	Received feedback	
Quentin	Smith	seemed happy that it would be consumer. Was interested in how it worked			Mike							
Ben	Lucas	Its always a hassle trying to figure out if you're full or not. Even after 28 years	021 190 5857	btlucas@orcon.net.nz	connecting people	201 Southfield Drive Lincoln Chch 7608		http://www.wheelmate.com/en/	yes	36	yes	
Janet	Cuttle	Hi Mike, I'm using IC and think some kind of alarm would be so useful to know the state of my bladder. I'd be keen to help trial a device if you need guinea pigs. Cheers Janet	027 302 8942 033028942	mjcuttle@xtra.co.nz	connecting people	5955 Arundel Rakaia Gorge Road 12 R.D., Rakaia 7782			yes	Size14 or 31"	yes	
Liam	Keenan	i have the problem where I keep randomly having large volumes so sounds like an awesome fix	021 025 86972	liamkeenan22@gmail.com	connecting people	13 Mossford Green Papakura 2113			yes	34-36"		sent reminder
Sarah	Pope	I do sometimes have feelings when my bladder is really full but interested in the technology that you're developing	021558535z	sarah.sueb@gmail.com	TASC group	4 Crompton Rd, Massey, Auckland, 0614.			yes			sene email re waist size
Amanda	Maxwell	I use ITSC and would be interested in your bladder fitbit	094312997	amanda.maxwell@outlook.co.nz	TASC group	306 Oneriri Rd, RD2, Kaiwaka 0573		goes blow carting.	yes	30"		email reminder sent10/11
Laura	Stuart		027 338 5125	Lauraleestuart@gmail.com	mike	44 Catherine Crescent paparangi Wellington 6037			yes	Size 6-8 26-28"	yes	
Terry	O'Neill		0274732583	paraforester@gmail.com	connecting people	100 Walker st, Ashburton 7700.	8.30pm Tuesday		yes	34"		sent a text remnder 10/11
Diane	Anderson	IMC every 4-6 hours to empty my bladder. I can void and need to IMC to empty. I cant feel when my bladder is full just get the urge to go sometimes more often than other times.	021954343	dianeandrick@xtra.co.nz	connecting people							sent a waist size request
Vaughan	White		02102647279	vaughanwhite2013@gmail.com	daughter Becky White	123 Settlement Rd Te Horo Otaki 5582			yes	34"	yes	
Fen	Coull	Hi Mike, I work as close to full time as I can so weekend by phone or email anytime is better. 021 104 4607 or fen@coull.email. Cheers, FenHi Mike, I saw your post on Connecting People re: bladder monitoring. I'm a T2 complete para following a mountain bike crash last November and I self catheterise 6 times a day. Bladder misbehaviour is the single biggest issue I struggle with, so I'm very keen to do anything I can to help you with a tool to help me stay dry. Fen	0211044607	fen@coull.email	connecting people	62 Para Street Miramar Wellington 6022		IT project manager				send waist request
Angela	Todd	400ml is now the taught and recommended maximum bladder volume. Cautioned relying on device stating that technology fails. They restrict fluids on the ward so that they don't have to catheterise often for patients. So they can manage staff. needs to be discrete and not cause pressure issues.		angelat@cdhb.health.nz	burwood							
Justine	Hunter		021448419	justine.hunter@acc.co.nz	sarah belgrave/pope	20 Millers Rise Silverdale Auckland, 0932			yes	Size 10 or 28"		sent a second unit
Tanya	Black	250K followers on Facebook. Can help with spreading the word. Hamish is their social media guy. Biggest audience.	021341973	tanyanblack@gmail.com	sarah belgrave/pope			Does business development. works with govt agencies to do content for agencies.				sent waist reminder
Ali (son Luke)	Alderton		021436395	seal4@xtra.co.nz	fb connecting people							sent a waist size request
Dean	Brennan	Do video tutorials. Coach them through the course on udemy. Publicity officer at TASC. Happy to help with web design.	02102310302	deanbrennan@orcon.net.nz	TASC group	26 Coburg Street, Henderson, Auckland 0612		catheter location where uri-go sits	Yes	36"		sent a reminder email 10-11