

Rescue scenarios

LOOK FOR EASIEST OPTION. PRUSIK – THEN BACK UP. KEEP THEM SAFE – COUNTERBALANCE? DOWN IS EASIER THAN UP! IF UNCONSCIOUS GO TO THEM ASAP. WILL ROPES RUN OVER EDGES? WILL YOU MAKE INJURIES WORSE BY BUMPING THEM? ARE RUNNERS AND ANCHORS BOMBER?

Climbs past runner;

- Talk down
- Tie knot in bight rope and screwgate krab to them –belay down then back up
- Tie off belay plate
- Drop loop of rope with krab
- Lower down – untie belay plate – take in slack – they untie loop and belay back up

Can't undo screw gate on belay

- Lift gear out and climb with it on rope
- If cant; you escape the system (Tie off belay plate. Prusik loaded rope to anchors. Back up with tied of Italian hitch. Take off belay plate. Take in slack on tied off Italian hitch. Tie off again)
Undo clove hitches. Stay tied in to end of rope? Pull rope through and throw down. Counterbalance down to them. Then you are tight on them. Or ab down on double rope but this will create a bit of slack by the time you get to them although ok if they are still attached to the belay. Clip in with cows tail, sort them out, pull rope back through, they bottom rope you back up, tie in again and belay them up.

Assisted hoist

- Tie off belay plate
- French prusik (As clutch) close to belay plate and back into your rope with large screwgate.
- Send down loop of rope with screwgate to them. They clip in.
- You untie belay plate and take in slack.
- They pull on the part of loop that comes to them. You pull on the part that comes back up to you.

Unassisted hoists

- Tie off belay plate.
- French prusik (As clutch) close to belay plate and back into your rope with large screwgate.
- Another French prusik or tibloc with krab on rope in front of first one.
- Push it down the rope as far as possible.
- Brace feet, heave and sweat!
- If only to get the client to a ledge below you – then tie off rope to the anchors as a back up before removing lower prusik. Attach prusik below that back to the anchors, weight that prusik, take in slack on tied off Italian hitch back up. Escape the system and counterbalance down etc....

Unassisted hoist out of the system

- If you need to move around and pull more efficiently
- Escape the system – tie off belay plate
- Prusik from loaded rope back to anchor
- Take off belay plate, take in slack on tied off Italian hitch, tie off again.



- French prusik from loaded rope back to anchor – short (clutch) – either just through krab or through belay plate (This can stop it jumping through krab)
- Another prusik below first one, loop rope through this (Below Italian hitch back up)
- Remove the Italian hitch back up and start pulling
- If pulling down it may be easier to add another krab at anchors and pull through this
- Could clip rope with clove hitch to your harness to enable bending and straightening of legs to pull with whole body

Gets limb jammed in crack

- Mustn't lower onto limb
- Take in tight, tie off belay plate. Set up hoist if need to get weight off the limb.
- If hoisted weight is now on French prusik, back up with Italian hitch, attach another prusik in front of Italian hitch in order to release first one with no rope running through.
- Escape the system and go down to them, tie off rope with fig 8 and abseil down – sort them out – prusik back up - tie yourself back in and continue to belay them up.

Needs assistance on a traverse

- Make sure every runner you put in is bombproof!
- Belays may need to be multi directional
- Escape the system. Get the end of the rope to them. Get back to belay. Bring them below you or to you via Italian hitches and hoisting systems.
- Check to see if you can't lower them onto a ledge first, keep them safe their – tie them off etc..

Counterbalance abseil

- Tie off belay plate.
- Prusik from loaded rope back to anchor
- Back up prusik with tied off Italian hitch to anchor
- Escape the system
- If possible lower second onto the prusik. Clip rope from belay device through krab at the anchor, attach a French prusik at your leg loop as the backup, take off belay device and re-attach on abseil rope, unload the original French prusik and abseil down... here you were the backup.
- Otherwise escape the system – acquire the end of the rope by making new belay.
- Set up to abseil
- Convert Italian hitch to running rope or attach with new krab, get rid of slack and weight rope before releasing prusik and weight of person onto you.
- Abseil down to them, pick them up with a sling/quickdraw and carry on as normal

Accompanied abseil/ abseil pick

- Escape the system
- Attach rope via fig 8 to re built anchor
- Set up a y hang – if injured there end of sling short so they can sit on your lap or if just nervous same length so sided by side
- Abseil down to client, if emergency cut ropes if sure you don't need it later
- Failing that use a stirrup hoist to get their weight off the rope and untie them.
- Tie a prusik to the casualties rope, attach a sling to the casualties belay loop, run through the prusik above and stand on loop to assist lift, untie casualty from rope.
- Slowly remove weight from loop and onto y hang, remove prusik from rope and ab down.



Lower past a knot

- If the ground is more than a rope length away you could tie 2 ropes together and lower the casualty past a knot.
- Tie 2 ropes together and put 1st rope on Italian hitch.
- Tie a French prusik to the rope in front of the Italian hitch and attach it to the anchor with an 8 foot sling.
- Make sure it won't be out of reach or rub against the rock when loaded.
- Back up by tying tied of Italian hitch behind knot, creep knot forward until 20cm from the knot.
- Take off middle Italian hitch and keep letting rope thru till knot next to Italian hitch. Hold this locked off and try to release the prusik, if you need both hands then tie off. If still hard try a nut key sideways. Make sure the know doesn't come up against the prusik, if it does then take load of by stirrup hoist.
- Continue to lower.

Abseil past a knot

- Have Prusik above belay device on a 4 foot sling or 8 foot doubled over with a knot – not too long as you need to reach it and not too sure as it may jam up against the knot.
- Load it when knot is 20cm below belay device.
- Add clove hitch backup below.
- Remove abseil device and replace it below knot.
- Add prusik backup below.
- Pull down on and release top prusik, if both hands are needed then tie off belay device.

Abseiler gets injured or hair stuck on stacked abseil

- Go back up to them if they can't free themselves.
- Attach a prusik to them above or below to get their weight off or use a stirrup hoist thru prusik above them.
- Attach yourself with a sling to their abseil device, (I.e. turn it into a y-hang) and control the ab down.
- Keep yourself backed up with a clove hitch below.

Casualty unconscious more than 1 pitch up

- Escape the system and get down to them ASAP – Tie off belay plate.
- Prusik from loaded rope back to anchor.
- Back up prusik with tied off Italian hitch to anchor.
- Counterbalance down to them.
- Get them up right – Perisian baudrier to their rope.
- Carry on down to ledge or somewhere to re-belay.
- Build belay and attach them with mariners knot.
- Lower them onto this and yourself.
- Pull rope for counterbalance thru a beener or tie it off if the rope can reach the ground.
- Set yourself up to counterbalance – or tie of rope and set up a y-hang system – lower them onto either by releasing the mariners knot.
- Get down, if y-hang you'll have to move the Parisian baudrier, keep y-hang high.

