

# AlphaJect™ engineered medical device product.

## Identifying the problems with syringes.

### Reuse of injection equipment.

WHO estimated 40% of the 16 billion injections were given by reused syringes This lead to 21 million new HBV (hepatitis B), 2 million HCV (hepatitis C) and 260 thousand HIV cases per year.

### Accidental needle-stick injuries (NSIs) with health care workers (HCWs).

WHO published a report from diseases caused by NSIs in HCWs which showed 3 million NSIs. This lead to 37% of all new HBV cases in HCWs, 39% of new HCV cases and 5.5% of new HIV cases.

### Unsafe sharps waste management.

Unsafe sharps waste management includes incomplete incineration, disposable in open pits or dumping sites, leaving used syringes in the hospital laundry or just failing to secure infected sharp waste. There are people who scavenge through waste, wash them and re-sell them to the market.



alphasafe engineering is the  
solution for re-use prevention,  
auto-disable syringe for the  
21st century.





Solution to Medical Device Safety in the 21st Century

## Alphaject Disposable Syringes Size Chart

Size	Packing	Needle Size	Description
1 cc	100 pcs per boxes 30 boxes per carton box	30G x 12mm	Insulin Uni-body U-100
1 cc	100 pcs per boxes 30 boxes per carton box	27G x 12mm	Insulin
1 cc	100 pcs per boxes 30 boxes per carton box	26G x 12mm	Tuberculin
3 cc	100 pcs per boxes 27 boxes per carton box	23G x 32mm	Curative
5 cc	100 pcs per boxes 18 boxes per carton box	23G x 32mm	Curative
10 cc	100 pcs per boxes 12 boxes per carton box	21G x 37mm	Curative
20 cc	100 pcs per boxes 8 boxes per carton box	21G x 37mm	Curative
30 cc	100 pcs per boxes 8 boxes per carton box	NA	Without Needle
50 cc	100 pcs per boxes 4 boxes per carton box	NA	Without Needle
50 cc Catheter Nozzle	100 pcs per boxes 4 boxes per carton box	NA	NA
Packed Needle (All Sizes)	100 pcs per boxes 30 boxes per carton box	ALL SIZES	NA