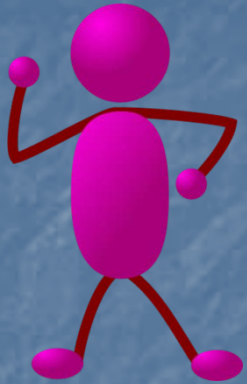


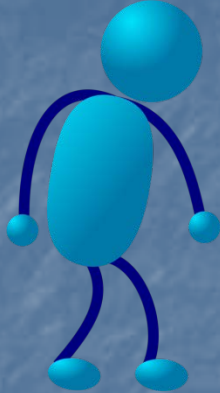
# Leptospirosis

*Case Studies*





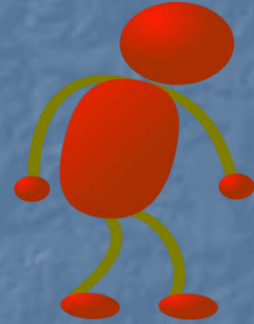
C



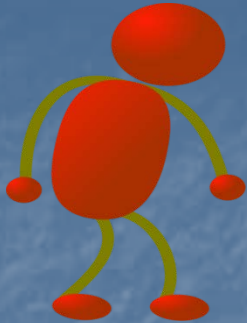
T



J



R



## Mr Romeo

Age : 67

Active as a 67yo male

Known high blood pressure and  
cholesterol

Dairy Farm worker

Bit overweight

Previous MI (mild heart attack)



## Mr Juliet

Age : 37

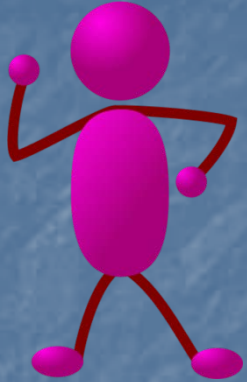
Active, lean, a lot of physical exercise

No known health / medical concerns

Dairy farm worker

Involved in sports

Lives with partner, no children



# Mr Charlie

Age : 57

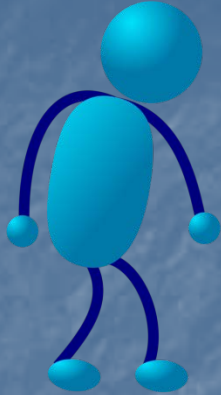
Active , lean, muscular

Dairy Farm Manager

No known medical Issues

Lives with partner and children

Active tramper, hunter,  
camper/wilderness



# Mr Tango

Age : 57

Active , fit

Sheep Farmer

Mild high cholesterol

Lives with wife

Active

**Headaches**

**Fever**

**Rhinitis**

**Arthralgia / myalgia**

**Fatigue**

**Loss of appetite**

**Sore throat**

**Cough**

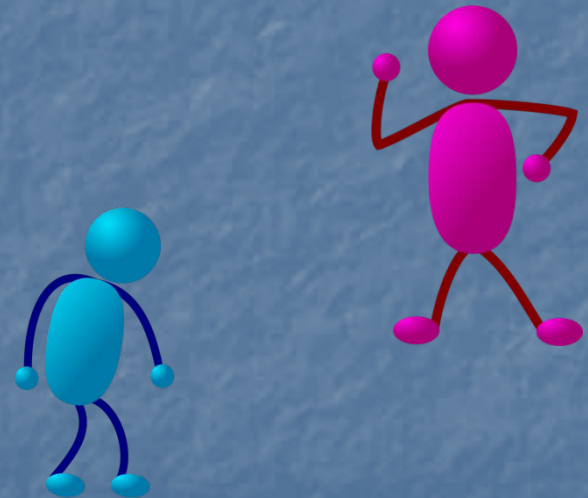
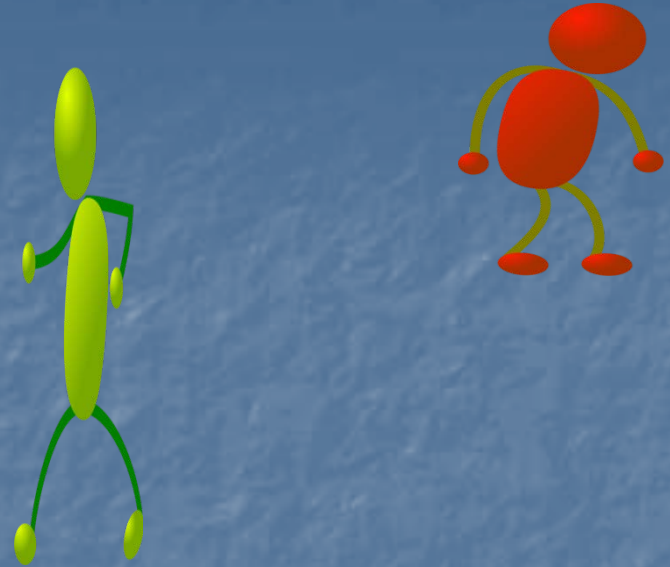
**Conjunctivitis**

Low BP

Low renal output

Poor heart out put

Loss of consciousness



# Case 1

Day 1

Presented with back ache

Freezing

Tired

Urinary Frequency

Hospital Admission – 3 days

Leptospirosis identified

Treated with doxy

Day 3

High temp

Tired

Weak, difficulty  
mobilising

Vague in conversation

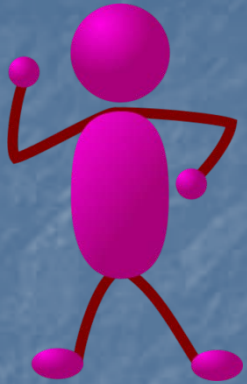
Within 2 weeks:

Feeling well,

Back hunting

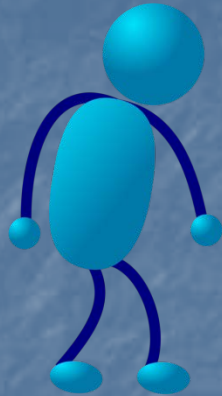
Exercise tolerance is ok,  
but improving steadily





C

57yo



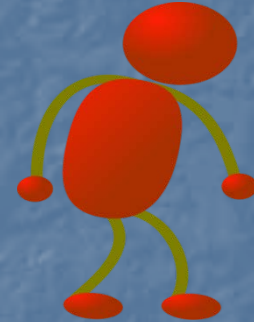
T

57yo



J

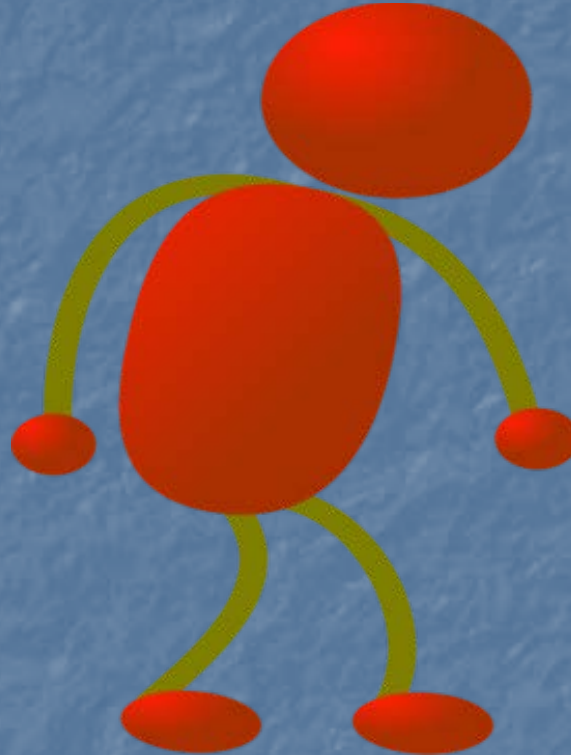
37yo



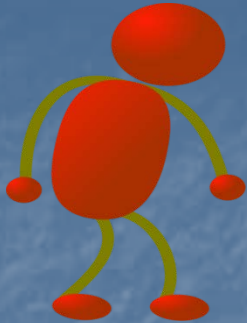
R

67yo

Case 1



Mr Romeo



## Mr Romeo

Age : 67

Active as a 67yo male

Known high blood pressure and  
cholesterol

Dairy Farm worker

Bit overweight

Previous MI (mild heart attack)

# Case 2

Day 1

Presented with back ache

Freezing

Tired

Muscle aches

Fevers / rigors

Hospital Admission – 2 days

Admitted to ICU for  
hypotension

Severe ARF

Yellow / liver functions off

Leptospirosis identified

Treated with doxy

Day 5

High temp persists

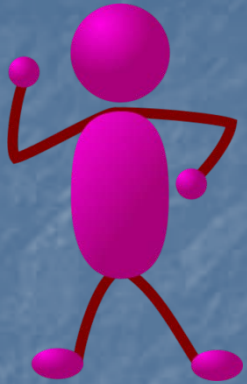
Tired

Weak, difficulty mobilising

Within 1 weeks:

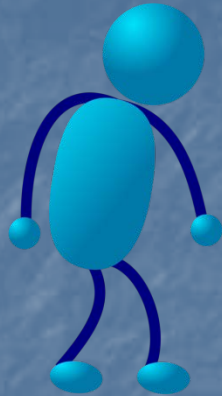
Feeling well,

Back at work, managing  
well



C

57yo



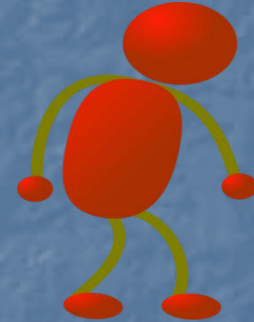
T

57yo



J

37yo

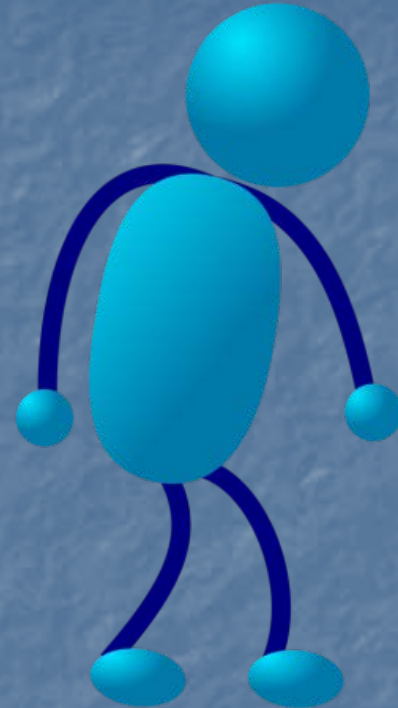


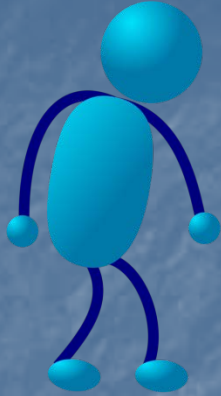
R

67yo

Case 2

Mr Tango





# Mr Tango

Age : 57

Active , fit

Sheep Farmer

Mild high cholesterol

Lives with wife

Active

# Case 3

Day 1

Presented with back ache

Freezing

Tired

Fevers / rigors

Not eating

Present twice over 2 weeks

With same symptoms

Bloods finally confirmed

Leptospirosis

Day 5

Continued symptoms

Still working

Had only a couple of days off

Within 2 weeks:

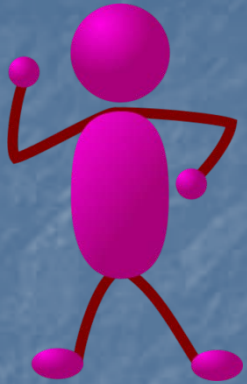
Feeling well,

Back at work, managing

well, still fatigued and

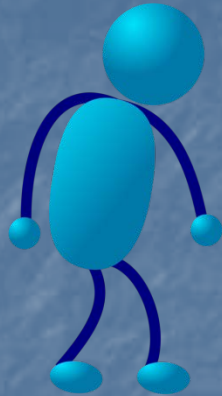
achey but settling





C

57yo



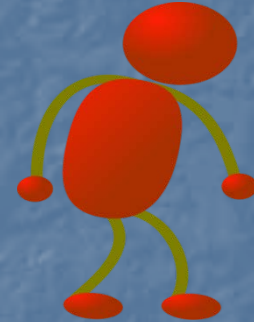
T

57yo



J

37yo



R

67yo

Case 3

Mr Juliet





## Mr Juliet

Age : 37

Active, lean, a lot of physical exercise

No known health / medical concerns

Dairy farm worker

Involved in sports

Lives with partner, no children

# Case 4

## Day 1

Presented with back ache

Fevers, rigors

Loss of appetite

Urinary Frequency

Myalgias / arthralgia

Very Flu-like

ICU admission for a week –  
heart stabilisation, ARF, LOC  
Then transferred to general  
ward for a week.

## Day 3

High temp

Tired, Weak, difficulty  
mobilising

Vague in conversation

Helicoptered to ICU

Within 2 weeks:

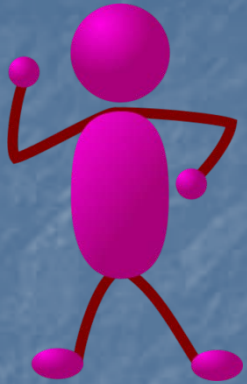
Fatigued+++

Poor appetite

Urinary frequency

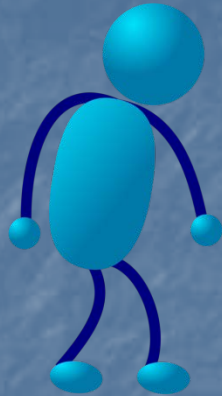
Myalgia / arthralgia

Poor concentration /  
memory



C

57yo



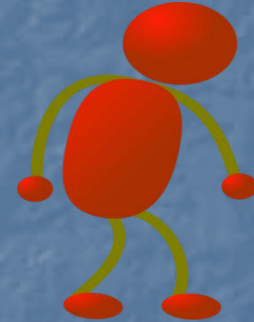
T

57yo



J

37yo

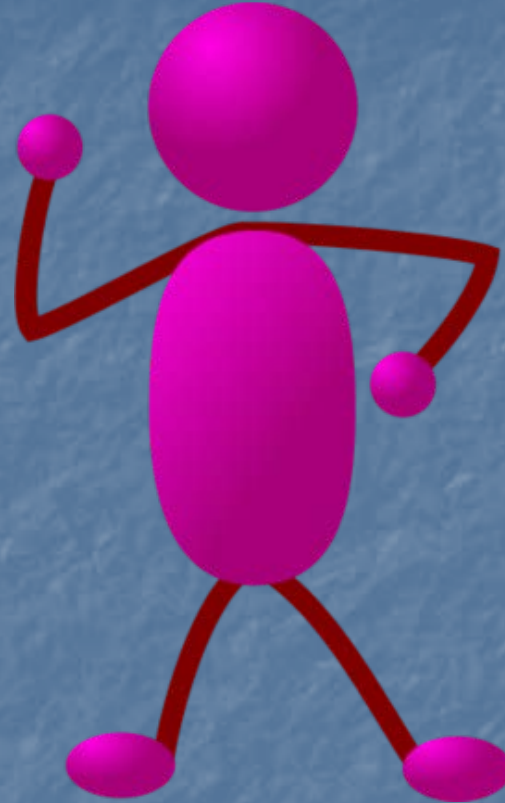


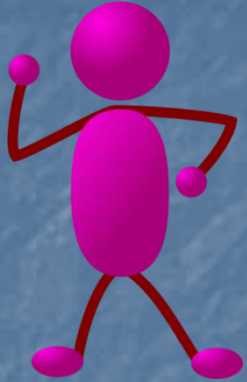
R

67yo

Case 4

Mr Charlie





# Mr Charlie

Age : 57

Active , lean, muscular

Dairy Farm Manager

No known medical Issues

Lives with partner and children

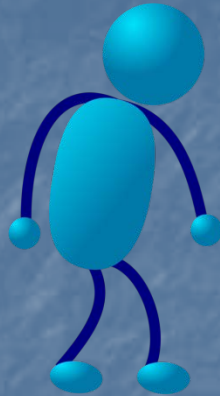
Active tramper, hunter,  
camper/wilderness



C

57yo

Pomona  
(Hardjo)



T

57yo

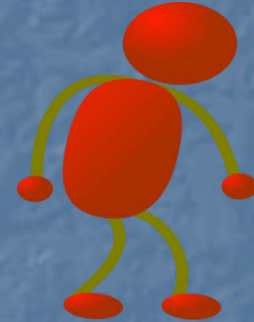
Hardjo  
(Pomona)



J

37yo

Hardjo  
(Pomona)



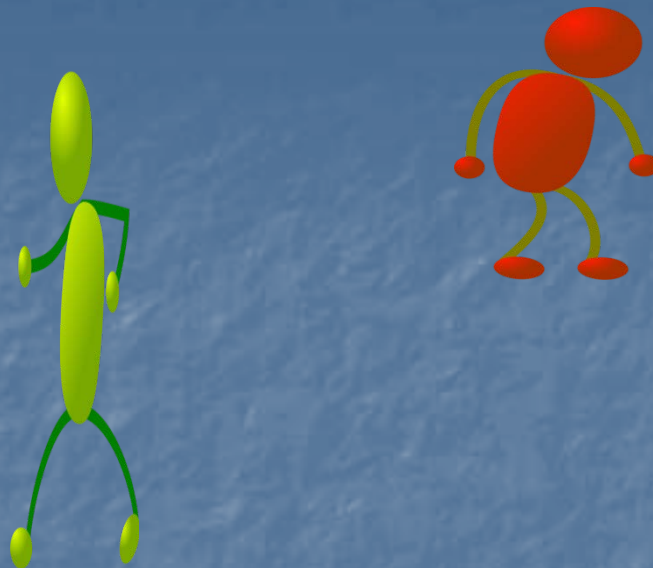
R

67yo

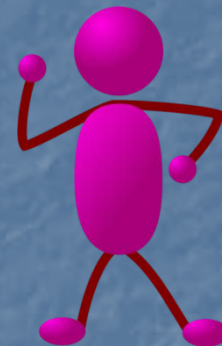
Hardjo  
(Pomona)



**Flu like symptoms**  
**Worsening**  
**Exposure**



**Age – any**  
**Severity – any**  
**Non predictable**



**Mortality....**  
**Morbidity – can be life changing**

