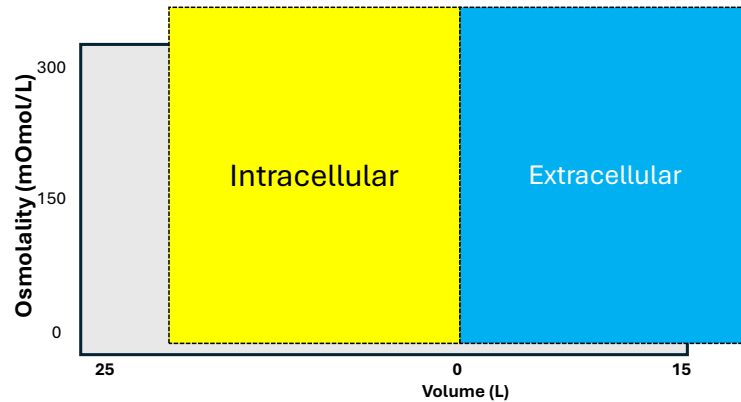


Case #1

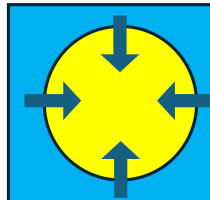
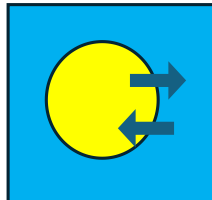
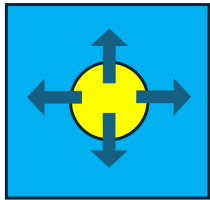


Which of the following conditions could lead to this fluid redistribution?

- Dehydration
- Ingestion of sea water
- Blood loss
- Ingestion of large amount of water without micturating
- Diarrhea

Changes in cell volume

Select the right change: no change/shrink/swell



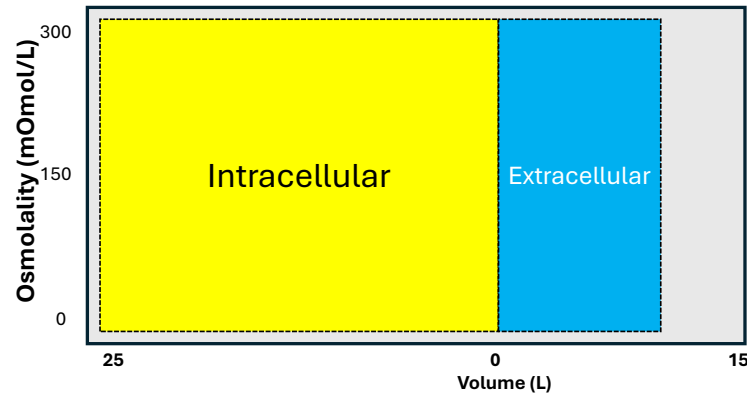
Changes in fluid compartments

Estimate approximate value

ECF volume
ECF Osmolality
ICF volume
ICF Osmolality

Possible scenario:

Case #2

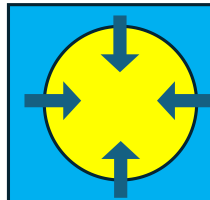
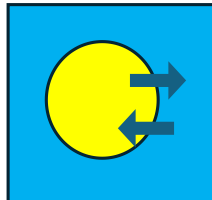
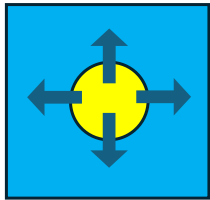


Which of the following conditions could lead to this fluid redistribution?

- Dehydration
- Ingestion of sea water
- Blood loss
- Ingestion of large amount of water without micturating
- Diarrhea

Changes in cell volume

Select the right change: no change/shrink/swell



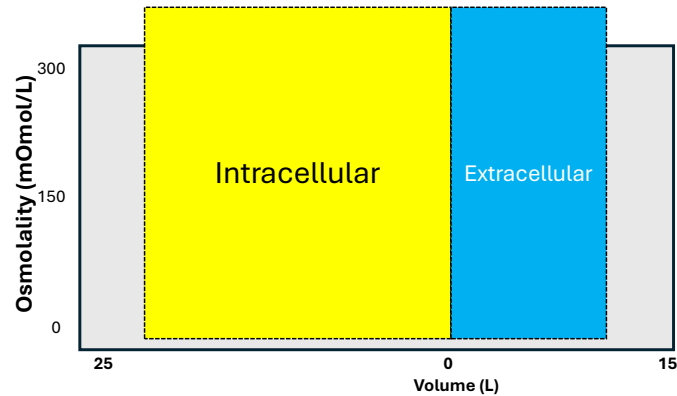
Changes in fluid compartments

Estimate approximate value

ECF volume
ECF Osmolality
ICF volume
ICF Osmolality

Possible scenario:

Case #3

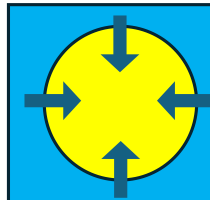
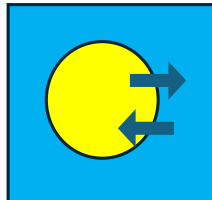
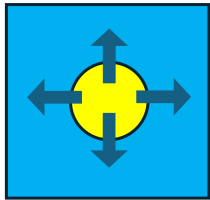


Which of the following conditions could lead to this fluid redistribution?

- Dehydration
- Ingestion of sea water
- Blood loss
- Ingestion of large amount of water without micturating
- Diarrhea

Changes in cell volume

Select the right change: no change/shrink/swell



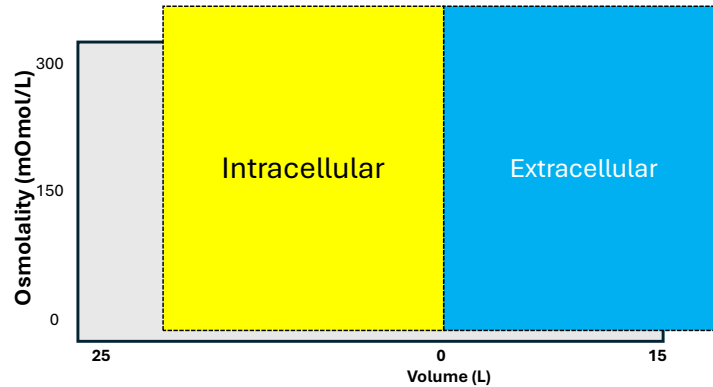
Changes in fluid compartments

Estimate approximate value

ECF volume
ECF Osmolality
ICF volume
ICF Osmolality

Possible scenario:

Case #4

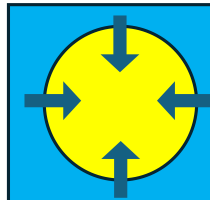
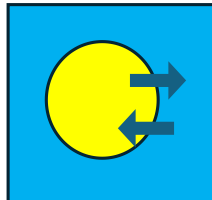
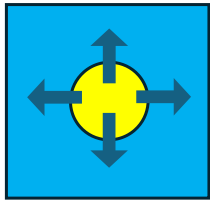


Which of the following conditions could lead to this fluid redistribution?

- Dehydration
- Ingestion of sea water
- Blood loss
- Ingestion of large amount of water without micturating
- Diarrhea

Changes in cell volume

Select the right change: no change/shrink/swell



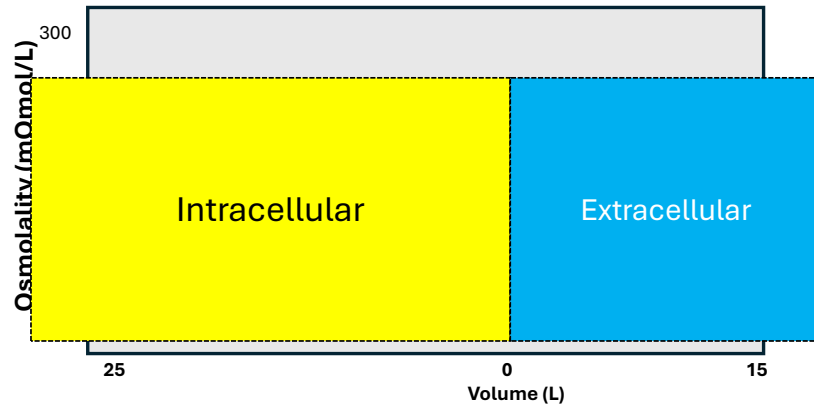
Changes in fluid compartments

Estimate approximate value

ECF volume
ECF Osmolality
ICF volume
ICF Osmolality

Possible scenario:

Case #5

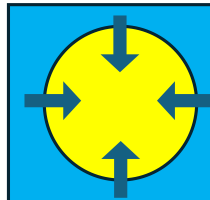
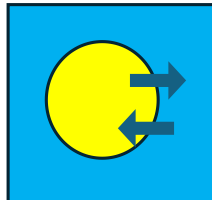
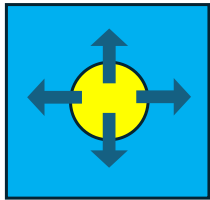


Which of the following conditions could lead to this fluid redistribution?

- Dehydration
- Ingestion of sea water
- Blood loss
- Ingestion of large amount of water without micturating
- Diarrhea

Changes in cell volume

Select the right change: no change/shrink/swell



Changes in fluid compartments

Estimate approximate value

ECF volume
ECF Osmolality
ICF volume
ICF Osmolality

Possible scenario:

Principles of Biomedical Sciences: Lab #1

Notes:

Instructor: JSY