## Title: {{title}}

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Calcium, Calcium channels, micropipette stretch assay, Osmolarity and tonicity.

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## Abstract

{{key001}}. RBCs change volumes and shapes in solutions with different salt concentrations. If the salt concentration is chemical force, the RBCs are also under constant mechanical forces. The mechanical force defines the {{key002}} of {{key003}}. To pass through capillaries much narrower than the RBCs diameter and optimal regulation of dynamic deformability is required for RBC. This process is mainly triggered by alteration in intracellular concentration of cations such as Ca2+. The micropipette approach has been one of the tools to study the effect of mechanical simple at the cellular level.

## Introduction

## Materials and Methods

## 

## Results

## Discussion

## Acknowledgments

## Disclosures

The authors declare no conflict of interest.

## Authors Contribution

## References:

## Figure legends

**Figure 1.**

**Figure 2.**

**Figure 3.**

**Figure 4**

**Figure 1s.**

**Figure 2s.**