Fractures are the most frequent health problem associated with bone and represent a significant clinical and economic burden. Fracture risk is most often assessed through bone mass scans, which measure bone quantity. However, aging and interventions like exercise have a greater influence on fracture risk than variances in mass predict, indicating that skeletal integrity is affected by alterations in tissue quality, and not just quantity. Currently, there is no clear understanding of how bone tissue quality contributes to skeletal integrity or how it can be altered by external influences. This work employed a murine model to investigate the effects of exercise and aging on bone at the tissue level and found that these influences can modulate bone composition, and consequently tissue-level mechanical competence, even in pre-existing bone tissue. These findings challenge conventional theories of bone adaptation and imply that changes in tissue quality may often be overlooked because they can occur independently of changes to bone mass. This work also illustrates the potential utility in using compositional markers to supplement diagnosis of fracture risk.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: Potash Corp. of Saskatchewan Rtgs Raised by S&P; Off Watch May 97. Edition No. 1
Web Address: http://www.researchandmarkets.com/reports/1898054/
Office Code: SCDKA73D

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Hard Copy (Paper back)</th>
<th>USD 69 + USD 29 Shipping/Handling</th>
</tr>
</thead>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: __________________________ Last Name: __________________________
Email Address: * __________________________
Job Title: __________________________
Organisation: __________________________
Address: __________________________
City: __________________________
Postal / Zip Code: __________________________
Country: __________________________
Phone Number: __________________________
Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ______________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp