

MediaWiki:Lékařská kalkulačka/CSF.js

Note: After publishing, you may have to bypass your browser's cache to see the changes.

- **Firefox / Safari:** Hold *Shift* while clicking *Reload*, or press either *Ctrl-F5* or *Ctrl-R* (*⌘-R* on a Mac)
- **Google Chrome:** Press *Ctrl-Shift-R* (*⌘-Shift-R* on a Mac)
- **Internet Explorer / Edge:** Hold *Ctrl* while clicking *Refresh*, or press *Ctrl-F5*
- **Opera:** Press *Ctrl-F5*.

```
1 String.prototype.replaceAll = function(token, newToken, ignoreCase) {
2     var str, i = -1, token;
3     if((str = this.toString()) && typeof token === "string") {
4         _token = ignoreCase === true? token.toLowerCase() : undefined;
5         while((i =
6             _token !== undefined?
7                 str.toLowerCase().indexOf(
8                     token,
9                     i >= 0? i + newToken.length : 0
10                ) : str.indexOf(
11                    token,
12                    i >= 0? i + newToken.length : 0
13                )
14            ) !== -1 ) {
15                str = str.substring(0, i)
16                    .concat(newToken)
17                    .concat(str.substring(i + token.length));
18            }
19        }
20    return str;
21    };
22
23    /***** Převod do html podoby *****/
24    var content = $('#lekarska_kalkulacka_CSF-content').text();
25    $('#lekarska_kalkulacka_CSF').html( content.replaceAll('paragraph', 'p').replaceAll('resValue', 'span').replaceAll('breakline',
26    'br').replaceAll('division', 'div').replaceAll('orderedlist', 'ol').replaceAll('super', 'sup').replaceAll('bb', 'b') );
27
28    /***** Propojeni input field: range a number *****/
29    $('#lekarska_kalkulacka_CSF-leu-pk-number').change( function() {
30        $('#lekarska_kalkulacka_CSF-leu-pk-range').val( $('#lekarska_kalkulacka_CSF-leu-pk-number').val() );
31    });
32    $('#lekarska_kalkulacka_CSF-leu-pk-range').change( function() {
33        $('#lekarska_kalkulacka_CSF-leu-pk-number').val( $('#lekarska_kalkulacka_CSF-leu-pk-range').val() );
34    });
35    $('#lekarska_kalkulacka_CSF-ery-pk-number').change( function() {
36        $('#lekarska_kalkulacka_CSF-ery-pk-range').val( $('#lekarska_kalkulacka_CSF-ery-pk-number').val() );
37    });
38    $('#lekarska_kalkulacka_CSF-ery-pk-range').change( function() {
39        $('#lekarska_kalkulacka_CSF-ery-pk-number').val( $('#lekarska_kalkulacka_CSF-ery-pk-range').val() );
40    });
41
42    $('#lekarska_kalkulacka_CSF-ele-csf-number').change( function() {
43        $('#lekarska_kalkulacka_CSF-ele-csf-range').val( $('#lekarska_kalkulacka_CSF-ele-csf-number').val() );
44    });
45    $('#lekarska_kalkulacka_CSF-ele-csf-range').change( function() {
46        $('#lekarska_kalkulacka_CSF-ele-csf-number').val( $('#lekarska_kalkulacka_CSF-ele-csf-range').val() );
47    });
48
49    $('#lekarska_kalkulacka_CSF-ery-csf-number').change( function() {
50        $('#lekarska_kalkulacka_CSF-ery-csf-range').val( $('#lekarska_kalkulacka_CSF-ery-csf-number').val() );
51    });
52    $('#lekarska_kalkulacka_CSF-ery-csf-range').change( function() {
53        $('#lekarska_kalkulacka_CSF-ery-csf-number').val( $('#lekarska_kalkulacka_CSF-ery-csf-range').val() );
54    });
55
56    $('#lekarska_kalkulacka_CSF-lactacidorachie-number').change( function() {
57        $('#lekarska_kalkulacka_CSF-lactacidorachie-range').val( $('#lekarska_kalkulacka_CSF-lactacidorachie-number').val() );
58    });
59    $('#lekarska_kalkulacka_CSF-ery-lactacidorachie-range').change( function() {
60        $('#lekarska_kalkulacka_CSF-lactacidorachie-number').val( $('#lekarska_kalkulacka_CSF-lactacidorachie-range').val() );
61    });
62
63    $('#lekarska_kalkulacka_CSF-ery-glykorachie-range').change( function() {
64        $('#lekarska_kalkulacka_CSF-glykorachie-number').val( $('#lekarska_kalkulacka_CSF-glykorachie-range').val() );
65    });
66    $('#lekarska_kalkulacka_CSF-ery-glykorachie-number').change( function() {
67        $('#lekarska_kalkulacka_CSF-glykorachie-range').val( $('#lekarska_kalkulacka_CSF-glykorachie-number').val() );
68    });
69
70    /***** Vlastní výpočet *****/
71    $('#input').change( function() {
72        var leu_pk = parseFloat( $('#lekarska_kalkulacka_CSF-leu-pk-number').val() );
73        var ery_pk = parseFloat( $('#lekarska_kalkulacka_CSF-ery-pk-number').val() );
74        var ele_csf = parseFloat( $('#lekarska_kalkulacka_CSF-ele-csf-number').val() );
75        var ery_csf = parseFloat( $('#lekarska_kalkulacka_CSF-ery-csf-number').val() );
76        var lactacidorachie = parseFloat( $('#lekarska_kalkulacka_CSF-lactacidorachie-number').val() );
77        var glykorachie = parseFloat( $('#lekarska_kalkulacka_CSF-glykorachie-number').val() );
78        var ele_corr = Math.round(ele_csf - ((leu_pk * ery_csf)/(1000*ery_pk)));
79        var keb = Math.round(38 - 18 * (lactacidorachie/glykorachie));
80        var keb_new = Math.round(38 - 18 * (lactacidorachie/(glykorachie+0.5*lactacidorachie)));
81        if (ele_corr < 0) {
82            ele_corr = 0;
83        }
84        $('#lekarska_kalkulacka_CSF-ele-corr').html( ele_corr );
85        $('#lekarska_kalkulacka_CSF-keb').html( keb );
86        $('#lekarska_kalkulacka_CSF-keb-new').html( keb_new );
87    });
```

