## EXERCISES: PART 1: THE ROLLING HAND (always consecutive fingers)

For working on the left hand, slur each bar. Repeat each cell until it is comfortable and fluent.
Do in different positions, on different strings, and then, for coordination, with many different bowings.
FOUR-FINGER ROLLING PATTERNS (sextuplet rhythms): EXERCISE 1A
HP 1


EX: $1 B$ With different sextuplet subgrouping


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EX 1C: Now do the above exercises with the extended-back first finger version interspersed between each bar. The rolling motion is especially useful in the extended position patterns.
EX. 1D: Take any of the above bars and use the extn to move the pattern both up and down the fingerboard


 and downwards


EX 1 E upwards


The same patterns can be used with any of the 12 bars at the top of the page copyright: cellofun.eu

Now we can do the same sextuplet patterns in thumbposition. Here, the thumb acts as an anchor and the hand will probably roll much less. Do also in different positions and on different strings.



Q
Start on 1st finger
Q


Start on 2nd finger



Start on 3rd finger

## 3

3



THREE-FINGER ROLLING PATTERNS (quadruplet rhythms).
Do also in different positions and on different strings


Each and every one of these figures can be migrated all over the fingerboard, both upwards and downwards, using simple snaking movements. In the higher regions we can also include the extended 3rd finger




